

# TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR,  
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## COMMERCIAL FEEDING STUFFS

From September 1, 1943, to August 31, 1944

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Division of Feed Control Service



AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS

GIBB GILCHRIST, President



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This bulletin is the thirty-ninth annual report on the inspection of feeding stuffs sold in Texas under the provisions of the Texas Feed Law. During the year ended August 31, 1944, 3,690 samples were subjected to the regular chemical feed analysis and microscopical examination by the Division of Chemistry, 3,607 of which were secured by inspectors. In addition, twenty-four samples of feed were tested for carotene content. Twenty-seven samples of cottonseed cake were examined for hardness. Eight hundred and fifty-three determinations of salt and eight hundred and fifty-two determinations of carbonate of lime in mixed feeds were also made.

In this bulletin is found the analysis of each sample and a detailed report of the results obtained in the inspection of feeding stuffs from September 1, 1943, to August 31, 1944.

Tables are given showing the average composition, digestible protein, and productive energy of many feeding stuffs analyzed. A table is given showing the average protein content of the cottonseed products made by each oil mill, so that the reader can see which mills maintained the guaranties on the average. Computed from the sale of tax tags, there were 3,314,368 tons of feed sold in the State during the fiscal year covered by this report. This amount represents only the tonnage of feeding stuffs regulated by the Texas Feed Law and does not include whole grains.

Chemical standards for various by-product feeds and special-purpose mixed feeds are shown together with additional information on the requirements of the Texas Feed Law and the composition of feeding stuffs.

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## COMMERCIAL FEEDING STUFFS, SEPTEMBER 1, 1943, TO AUGUST 31, 1944\*

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This bulletin is a report on the work performed by the Texas Agricultural Experiment Station in the inspection of feeding stuffs sold in Texas during the year ended August 31, 1944. It includes information on the requirements of the Texas Feed Law, the composition of feeding stuffs, methods of calculating guaranties for mixed feeds, and official tax tags.

Some data, such as the official and tentative definitions and resolutions adopted by the Association of American Feed Control Officials and definitions of and standards for commercial unmixed feeds which apply particularly to Texas conditions, have been omitted from the present report in order to conserve space and expedite distribution of the bulletin. This omission of definitions and standards does not signify that they have been discarded.

The purpose of the Texas Feed Law primarily is to afford protection to purchasers of feeding stuffs in the State of Texas. At the same time, certain benefits from the operation of the law accrue to manufacturers and distributors of feeding stuffs. Secondary purposes of the law may be considered to include placing the traffic in feeding stuffs on a higher plane than would be possible in the absence of such a law. Rigid enforcement tends to serve as a guide for the legitimate manufacturer and distributor and as a curb to unscrupulous persons within and without the industry.

One of the outstanding features of the Texas Feed Law is the power delegated to the Director of the Texas Agricultural Experiment Station to adopt standards and definitions for feeding stuffs and make such other regulations as may be necessary for the enforcement of any provision of the law. In this capacity the Director requested the Attorney General of Texas to interpret the law regarding the importation of feed ingredients into this State. On August 23, 1944, Opinion No. 0-6087 was issued pursuant to the question. The conservation of space forbids repetition of the entire opinion in this bulletin. A brief summary of this opinion covering the essential facts follows:

This opinion holds that milled feeds imported into this State and not sold or offered for sale but used as an ingredient in the manufacture of other mixed feeds is not subject to the inspection tax. This opinion also holds that when such milled feed is sold or offered for sale within the State, it is subject to the tax even though it subsequently may be used as an ingredient in the manufacture of another feed.

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\*Manuscript submitted for publication on September 20, 1944.

†With the collaboration of the other members of the Division Staff. The chemical analyses and microscopical examination of feeding stuffs are made by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

## CHIEF REQUIREMENTS OF THE TEXAS FEED LAW

### 1. (a) Feeding stuffs covered by the law:

All materials offered or exposed for sale, or distributed or sold for feeding purposes except those especially excluded.

### (b) Feeding stuffs not covered by the law:

Hay and straw, whole seeds or grains of wheat, barley, rye, oats, Indian corn, rice, buckwheat, or broom corn; any other whole or unground grains or seeds.

### 2. Statements to be printed on official tags securely attached to bags:

(a) Net weight of package.

(b) Name of feeding stuff.

(c) Name and address of manufacturer or importer.

(d) Place of manufacture.

(e) Minimum percentage of crude protein.

(f) Minimum percentage of crude fat.

(g) Minimum percentage of nitrogen-free extract.

(h) Maximum percentage of crude fiber.

(i) Names of ingredients (if a mixed feed).

(j) Percentage of each ingredient when rice hulls, peanut hulls, corn cobs, oat hulls, cottonseed hulls, or similar substances are present in a mixed feed.

A copy of the Texas Feed Law will be sent to interested persons on request.

## VIOLATIONS

Forty-nine State cases were developed during the year against manufacturers selling feed in this State in violation of the provisions of the Texas Feed Law. Thirty-seven of these cases resulted in convictions and fines were paid; one manufacturer was acquitted upon trial; three cases were dismissed for lack of sufficient evidence or other causes; and eight cases are pending.

Seven hundred and fifteen minor complaints were adjusted through correspondence, together with the assistance of the inspectors. These complaints consisted of untagged shipments of feed; improperly labeled shipments; incorrectly printed tags attached to packages of feed; short weights; deficiency in crude protein; and other minor irregularities.

## SHIPMENTS WITHDRAWN FROM SALE

All dealers are advised to withdraw from sale shipments of feed which are untagged and which have been found do not conform to the requirements of the Texas Feed Law, until such time when they can be legally sold. The dealer is directly responsible if feed in his possession fails to meet the requirements of the law and the same penalty attaches to exposing or offering for sale any unlabeled feed as for selling the same. The dealer should voluntarily withdraw from sale all untagged shipments



and those which he knows or has good reason to believe are adulterated or misbranded and then write to the Division of Feed Control Service for instructions.

Lots or parcels of feeding stuff found untagged by the inspectors were required to be labeled with tags furnished by the manufacturers. Improperly labeled lots were relabeled with official tags properly printed, or with tags showing guaranties that could be maintained, and, in still other cases, shipments were returned to the manufacturer. The sales of feeds below guaranties were adjusted, in practically all instances, by manufacturers paying refunds to dealers and consumers when the deficiencies were sufficient to warrant such action. In all cases when refunds were made to dealers, the dealers were advised to prorate the same among their customers, insofar as possible, so that the ultimate consumer would receive its benefit. Attention is directed to special information on this page regarding refunds.

Table 1 shows the summary of the feeds withdrawn from sale during the year ended August 31, 1944, and gives the number of shipments withdrawn, the amounts, and the special reasons for their withdrawal from sale. It also shows the number of manufacturers represented. The amount withdrawn from sale was only about 0.085 per cent of the estimated tonnage sold during the year.

Table 1. Shipments Withdrawn from Sale, 1943-44

No. of Shipments Withdrawn from Sale	No. of Manufacturers Represented	Reasons for Withdrawal from Sale	Amount Withdrawn, Tons
527	215	Not tagged.....	1,958.85
4	4	Deficient in crude protein.....	16.55
40	22	Wrong tags attached.....	153.00
23	12	Incorrectly printed tags attached.....	72.40
59	37	Not registered and not tagged.....	403.90
5	5	Short weight.....	28.80
4	3	Obsolete tags attached.....	3.65
14	6	Blank tags attached.....	19.10
8	6	Defaced tags attached.....	17.35
23	10	Tags of wrong denomination attached.....	32.90
8	5	Not tagged and illegal weight.....	103.05
715	325	Total.....	2,809.55

## REFUNDS

The Texas Feed Law makes no provision for the payment of refunds to cover deficiencies and although this practice often shows the good intention of the manufacturer, the payment of such refunds will have no bearing on any subsequent action which may be taken in case of violation of the law. The law does not contemplate that the purchaser of a feeding stuff should be required to have an analysis made in order to secure protection. When refunds are paid, manufacturers should always notify the Division to this effect so that proper credit may be given in the table of inspection results, and dealers will be required to prorate them to the purchasers so that the consumers may receive the benefit.



The amount of refund to be paid may be found by dividing the cost per ton by the protein guaranty which will give the cost of 1 per cent of protein. Multiply the result found by the per cent of deficiency and then multiply this figure by the total number of tons purchased.

Example: A shipment consisting of thirty tons of 43% Protein Cottonseed Meal is purchased for \$56.00 per ton. The deficiency in protein is 2 per cent. What is the amount of refund due?

$$\begin{array}{r} 56.00 \\ \hline \end{array} \times 2 \times 30 = \$78.13$$

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If a refund has been paid during the past year by any given manufacturer and Table 13 does not show this fact, it is because the manufacturer did not notify us that refund had been paid. The payment of refunds never fully remunerates the consumer for being furnished feed which is deficient in valuable nutrients, and manufacturers are advised to be certain in advance that shipments are up to the guaranty in every respect.

### CONTROL OF INTERSTATE SHIPMENTS

In enforcing the law the State has the cooperation and assistance of the Federal Security Agency as regards adulterated and misbranded interstate shipments. We have received a commission from the Federal Security Agency to collect samples of interstate shipments of feed and practically all such shipments showing a deficiency and adulteration are sampled, not only under the Texas Feed Law, but also under the Federal Food, Drug, and Cosmetic Act of 1938. The Federal samples are either analyzed under the direction of Dr. G. S. Fraps, Collaborating Chemist, or forwarded to the Food and Drug Administration Laboratory at New Orleans, Denver, St. Louis, or Washington. The Federal government prosecutes many of the manufacturers of these feeds, but this does not preclude legal action by the Texas Feed Control Service if considered necessary for the protection of Texas consumers.

Cooperation with the Food and Drug Administration of the Federal Security Agency has been continued and thus control exercised over interstate shipments of feed as protection to Texas purchasers.

### SUGGESTIONS TO PURCHASERS OF FEED

**Examine Official Tags.**—In purchasing feeding stuffs, always carefully examine the official tags attached and purchase on the official guaranty and actual analysis as indicated in the reports of the Division of Feed Control Service, and disregard statements of salesmen or in advertising matter, if they differ from the official tags.

**Goods Not as Represented.**—In case any purchaser receives goods which he thinks are not as represented, he may write to the Division of Feed Control Service, giving full details of the matter, stating the quantity on hand and his reasons for suspecting that the feed is not as represented.

The Division will investigate the matter carefully and either send an inspector, if conditions justify so doing, or else send instructions for taking a sample of the feed for further examination.

**Freight Bills, Invoices, Etc.**—It is important that purchasers of feed in car lots should always have available for use of the inspector the following information: the total number of tons in the shipment; number and initials of car in which shipment is received; number and date of waybill; name of railroad issuing waybill; name of town from which shipment was made; name of firm from which feed was purchased; date of original waybill; date shipment was received, and price per ton. This information is especially valuable to the Service in all cases involving the shipment of feed from other States, as it will assist in proving the sale and protecting Texas purchasers under the Federal Law.

**Official Tag.**—Do not accept any feeding stuff unless Texas tax tags are attached to the sacks. When feeds are sold in bulk, the seller must furnish the purchaser with a sufficient number of properly printed Texas tax tags to cover the weight of the feed sold.

Table 2. Estimated Tonnage of Feeding Stuffs Sold in Texas, 1906-1944

Years	Tons
1906-1907.....	485,805
1907-1908.....	511,661
1908-1909.....	532,792
1909-1910.....	755,488
1910-1911.....	820,277
1911-1912.....	972,340
1912-1913.....	680,259
1913-1914.....	847,716
1914-1915.....	881,136
1915-1916.....	778,137
1916-1917.....	974,608
1917-1918.....	1,155,055
1918-1919.....	945,864
1919-1920.....	754,349
1920-1921.....	762,769
1921-1922.....	735,319
1922-1923.....	932,473
1923-1924.....	1,009,047
1924-1925.....	1,015,742
1925-1926.....	1,119,561
1926-1927.....	1,181,538
1927-1928.....	1,226,882
1928-1929.....	1,370,120
1929-1930.....	1,434,966
1930-1931.....	1,112,302
1931-1932.....	1,093,307
1932-1933.....	1,057,533
1933-1934.....	1,235,172
1934-1935.....	1,298,743
1935-1936.....	1,210,790
1936-1937.....	1,443,552
1937-1938.....	1,542,833
1938-1939.....	1,697,189
1939-1940.....	1,705,552
1940-1941.....	1,814,092
1941-1942.....	2,268,539
1942-1943.....	3,328,005
1943-1944.....	3,314,368

## ESTIMATED TONNAGE OF FEEDING STUFFS SOLD IN TEXAS 1906-1944

Table 2 shows the estimated tonnage of feed sold in Texas yearly during the past thirty-eight years as computed from the sale of tax tags, assuming that all the tags sold during the period covered by this report are used for feeds sold during that period. It is impossible to give complete data on the number of tons of the various classes of feeds sold for consumption in Texas, owing to the fact that some manufacturers purchase blank tax tags and print on the tags, at their places of business, the information required by the Texas Feed Law. In connection with this table, attention should be called to the fact that the figures given represent only the tonnage of commercial feeding stuffs regulated by the Texas Feed Law and do not include whole grains.

## TENTATIVE GUARANTIES FOR FEEDS AND ANALYSES FOR CALCULATION PURPOSES

Table 3 shows tentative guaranties for the convenience of manufacturers in registering feeding stuffs for sale in Texas and also analyses which can be used in calculating guaranties of mixed feeds. There will be no objection if manufacturers wish to register under better guaranties if the quality of the feeds justify this action. It is to be understood, however, that manufacturers are responsible for their guaranties and that the Division of Feed Control Service accepts no responsibility for feeds failing to meet the guaranties.

Table 3. Tentative Guaranties and Analyses

Name of Feed	Crude Protein not less than Per Cent	Crude Fat not less than Per Cent	Crude Fiber not more than Per Cent	Nitrogen-free Extract not less than Per Cent
Chopped Alfalfa.....	13.00	1.50	33.00	35.00
Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00
Alfalfa Meal.....	13.00	1.50	33.00	35.00
Alfalfa Stem Meal.....	9.00	0.80	40.00	30.00
Whole Barley Chop.....	11.00	1.50	6.00	65.00
Hulled Barley.....	10.00	2.50	2.50	72.00
Dried Beet Pulp.....	8.00	0.50	22.00	52.00
Blood Meal.....	80.00	1.00	2.00	3.00
Raw Bone Meal.....	23.00	2.00	5.00	0.00
Special Steamed Bone Meal.....	5.00	0.00	3.00	4.00
Brewers' Dried Grains.....	21.00	6.00	18.00	40.00
Buckwheat.....	10.00	2.50	10.00	62.00
Dried Buttermilk.....	32.00	5.00	1.00	35.00
Cocoanut Oil Meal.....	20.00	6.00	12.00	40.00
Corn Bran.....	8.00	5.00	12.00	60.00
Corn Chop.....	9.00	3.50	3.00	70.00
Ear Corn Chop.....	8.20	3.20	8.00	64.00
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00
Corn Cobs.....	2.00	0.50	34.00	50.00
Corn Feed Meal.....	8.00	3.00	3.00	67.00
Corn Germ Meal.....	18.00	7.00	9.00	50.00
Corn Gluten Feed.....	23.00	2.50	7.00	50.00
Corn Gluten Meal.....	41.00	1.00	4.00	40.00

Table 3. Tentative Guaranties and Analyses—Continued

Name of Feed	Crude Protein not less than Per Cent	Crude Fat not less than Per Cent	Crude Fiber not more than Per Cent	Nitrogen- free Extract not less than Per Cent
Cotton Burs.....	8.00	2.00	30.00	44.00
45% Protein Cottonseed Cake.....	45.00	6.00	10.00	22.00
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	23.00
41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00
Cottonseed Chop.....	20.00	17.00	20.00	25.00
41.12% Protein Cottonseed Feed.....	41.12	5.00	14.00	26.00
38.56% Protein Cottonseed Feed.....	38.56	5.00	18.00	27.00
36% Protein Cottonseed Feed.....	36.00	5.00	22.00	28.00
Cottonseed Hulls.....	4.00	0.70	44.00	40.00
45% Protein Cottonseed Meal.....	45.00	6.00	10.00	22.00
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00
28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00
25% Protein Whole-Pressed Cottonseed.....	25.00	6.00	25.00	29.00
Emmer Chop.....	11.00	1.50	10.00	63.00
Feterita Chop.....	11.00	2.80	3.00	69.00
Feterita Head Chop.....	10.00	2.50	8.00	64.00
Feterita Head Stems.....	5.00	1.00	25.00	53.00
Feterita Heads, Stalks and Stems.....	7.00	2.00	20.00	55.00
Fish Meal.....	60.00	5.00	1.00	1.00
Flax Plant By-Product.....	8.00	4.00	35.00	35.00
Flaxseed.....	22.00	32.00	7.00	23.00
South Texas Prairie Hay.....	4.00	2.00	30.00	47.00
Hegari Chop.....	10.00	2.50	3.00	70.00
Hegari Head Chop.....	8.50	2.50	8.00	65.00
Hegari Head Stems.....	5.00	1.00	25.00	53.00
Hegari Heads, Stalks and Stems.....	7.00	2.00	20.00	55.00
Hominy Feed.....	10.00	5.00	7.00	60.00
Kafir Chop.....	10.00	2.50	3.00	70.00
Kafir Head Chop.....	8.50	2.50	8.00	65.00
Kafir Head Stems.....	5.00	1.00	25.00	53.00
Kafir Heads, Stalks and Stems.....	7.00	2.00	20.00	55.00
34% Protein Linseed Meal.....	34.00	6.00	9.00	35.00
32% Protein Linseed Meal.....	32.00	6.00	9.00	35.00
Meat and Bone Scraps.....	50.00	6.00	3.00	0.00
Mesquite Beans with Pod.....	12.50	2.00	27.50	48.00
Dried Skimmed Milk.....	34.00	0.20	0.00	50.00
Millet Seed.....	11.00	4.00	10.00	57.00
Milo Chop.....	10.00	2.50	3.00	70.00
Milo Head Chop.....	8.50	2.50	8.00	65.00
Milo Head Stems.....	5.00	1.00	25.00	53.00
Milo Heads, Stalks and Stems.....	6.50	1.90	20.00	55.00
Beet Molasses.....	3.50	0.00	0.00	59.00
Cane Molasses.....	2.40	0.00	0.00	65.00
Clipped Oat By-Product.....	6.00	2.00	30.00	35.00
Whole Oat Chop.....	11.00	4.00	12.00	58.00
Oat Groats.....	16.00	6.00	1.50	65.00
Oat Hulls.....	3.00	1.00	30.00	51.00
Oat Meal, Feeding.....	14.50	6.00	4.00	60.00
Oat Mill Feed.....	6.00	2.00	26.00	50.00
Oat Shorts, or Middlings.....	15.00	6.00	1.00	65.00
Oat Straw.....	3.50	2.30	36.80	40.50
45% Protein Peanut Cake.....	45.00	6.00	10.00	23.00
43% Protein Peanut Cake.....	43.00	6.00	12.00	23.00
Peanut Hay.....	10.00	3.50	24.00	44.00
Peanut Hay with Nuts.....	12.00	12.00	25.00	30.00
Peanut Hulls.....	8.00	1.50	55.00	25.00
Peanut Kernels.....	26.00	44.00	3.00	17.00
45% Protein Peanut Meal.....	45.00	6.00	10.00	23.00
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00
36% Protein Whole-Pressed Peanuts.....	36.00	6.00	22.00	20.00
34% Protein Whole-Pressed Peanuts.....	34.00	6.00	24.00	20.00
Canadian Peas.....	24.00	1.20	5.00	55.00
Cleaned Rice.....	9.00	1.00	1.00	77.00
Rough Rice.....	7.00	1.80	10.00	63.00
Rice Bran.....	11.00	10.00	15.00	42.00
Rice Hulls.....	3.00	0.50	36.00	30.00
Rice Polishings.....	11.00	6.00	4.00	55.00
Rice Screenings.....	9.00	3.00	6.00	50.00



Table 3. Tentative Guaranties and Analyses—Continued

Name of Feed	Crude Protein not less than Per Cent	Crude Fat not less than Per Cent	Crude Fiber not more than Per Cent	Nitrogen- free Extract not less than Per Cent
Rye Chop.....	10.00	1.50	2.00	72.00
Soybean Oil Meal.....	41.00	6.00	6.00	28.00
Sunflower Seed.....	16.00	21.00	30.00	21.00
Digester Tankage.....	60.00	5.00	3.00	0.00
Velvet Bean Meal.....	22.00	4.50	4.00	51.00
Velvet Beans with Pod.....	17.00	3.50	17.00	48.00
Wheat Bran.....	14.50	3.00	10.00	50.00
Wheat Chop.....	12.00	2.00	3.00	70.00
Wheat Low-Grade Feed Flour.....	14.00	1.50	1.50	70.00
Wheat Red Dog Flour.....	15.00	2.50	4.00	65.00
Wheat Germ.....	30.00	10.00	2.50	45.00
Wheat Mixed Feed.....	16.00	3.50	8.50	52.00
Wheat Screenings.....	12.50	2.50	6.00	65.00
Wheat Brown Shorts.....	17.50	4.50	7.50	53.00
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00
Wheat White Shorts.....	14.50	3.00	3.50	60.00
Wheat Straw.....	3.00	1.40	37.90	44.00

### METHOD OF CALCULATING GUARANTEED ANALYSIS OF A MIXED FEED

Frequently requests to calculate guaranties of feed formulas for registration purposes are received. In order to afford manufacturers a method by which they may make these calculations themselves and compare results, there is given a specimen formula for a dairy feed and the method of calculating its guaranty. Manufacturers should submit their formulas in as much detail as possible at the time application for registration is made; this will give opportunity for checking and correcting if errors occur. The same method of calculation can be applied to any combination of ingredients where the tentative guaranty of each ingredient is known. If concentrates or other mixed feeds are used, then the guaranty applying to such concentrate or mixed feed must be used instead of that applying to the individual ingredients composing the concentrate or mixed feed.

Calculation of the Guaranty of a Mixed Feed Based on Tentative Guaranties Listed in Table No. 3

Ingredients	Pounds	Pounds of Protein	Pounds of Fat	Pounds of Fiber	Pounds of N. F. E.
43% Protein Cottonseed Meal....	400	172.00	20.80	48.00	92.00
Milo Meal.....	360	36.00	9.00	10.80	252.00
Corn Meal.....	300	27.00	10.50	9.00	210.00
Wheat Bran.....	300	43.50	9.00	30.00	150.00
Ground Whole Oats.....	240	26.40	9.60	28.80	139.20
Cane Molasses.....	240	5.76			156.00
Alfalfa Meal.....	100	13.00	1.50	33.00	35.00
Ground Limestone.....	40				
Salt.....	20				
Total.....	2,000	323.66	60.40	159.60	1034.20

## Explanation:

- (1) List the ingredients as above.
- (2) In the first column show the total number of pounds of each ingredient used in the mixture.
- (3) In the second column show the total number of pounds of protein contained in each ingredient. This is obtained by multiplying the number of pounds of the ingredient by the tentative protein guaranty expressed decimally, of each feed found in Table 3.  
Example: 400 lbs. of 43% protein cottonseed meal contains 172 pounds of protein ( $43\% \times 400 \text{ lbs.} = 172.00 \text{ lbs.}$ ).
- (4) The sum of each column gives the total number of pounds of protein, fat, fiber, and nitrogen-free extract in the particular batch.
- (5) By dividing each total by the total pounds in the batch, the percentages of protein, fat, fiber, and nitrogen-free extract are obtained.

$$\begin{array}{r}
 \text{Example: } 323.66 \times 100 \\
 \hline
 2000 \\
 60.40 \times 100 \\
 \hline
 2000 \\
 159.60 \times 100 \\
 \hline
 2000 \\
 1034.20 \times 100 \\
 \hline
 2000
 \end{array}
 \begin{array}{l}
 = 16.18\% \text{ protein} \\
 \\
 = 3.02\% \text{ fat} \\
 \\
 = 7.98\% \text{ fiber} \\
 \\
 = 51.71\% \text{ N. F. E.}
 \end{array}$$

Suggested guaranteed analysis: crude protein not less than 16.00%; crude fat not less than 3.00%; crude fiber not more than 8.50%; nitrogen-free extract not less than 51.50%.

If this method is carefully followed, the results will be acceptable without change. The Division of Feed Control Service reserves the right to withhold any feed registration not conforming to all rules and regulations adopted for the enforcement of the law.

## DEFINITIONS OF TERMS

**Protein** includes all the nitrogenous compounds of a feed, regardless of their nature and is equal to the nitrogen present multiplied by 6.25. The animal uses protein to restore the waste of tissues and muscles, and to form flesh. Protein may also be oxidized in the body to produce heat, or it may serve as a source of fat in case of a deficiency in carbohydrates and fat, accompanied by an excess of protein. It is, however, a costly source of heat and fat.

Protein enters very largely into the composition of the whites of eggs, lean meat, curd of milk, gelatin, etc. It is used for the building and repair of body tissue, for new growth, in the production of milk or eggs and, therefore, is a necessary ingredient for the feeder to purchase. It is an important nutrient in feeding stuffs and usually is the most expensive



to purchase. With a given feeding stuff, the more protein it contains the better its quality, compared with other feeding stuffs of the same class. It is incorrect, however, to compare the value of feeding stuffs of different kinds on a protein basis alone. For example, a cottonseed meal containing 45 per cent of crude protein does not have five times the value of corn chop containing 9 per cent of crude protein. There are other constituents of both feeds, such as fats, starches, and sugars, which are of great value to animals. Corn chop contains more carbohydrates than does cottonseed meal.

**Fat** is composed of substances which are extracted from the dry feeding stuffs by ether, and consists chiefly of fats and oils in the case of most feeding stuffs, but in the case of fodders and hays it is composed to a great extent of waxes, chlorophyll, and other substances in addition to fat. A pound of digestible fat is equal to 2.25 pounds of digestible carbohydrates in producing heat and energy. Fat is used in the animal body as a source of body fat, to furnish heat to keep the body warm, to furnish energy to run the animal mechanism and to produce work. All muscular movements require energy, which is furnished by the oxidation of fats, carbohydrates, or protein.

**Fiber** is found in hays, straw, and similar material. It occurs in the cell walls and in the fibrous or woody parts of plants. It is the least digestible portion of a feed. By means of fermentation in the intestines fiber is digested to some extent by animals that chew the cud. The operation, however, consumes so much energy that a large proportion of the value of the fiber is taken up by the process of digestion. Ordinarily a feeding stuff having a high content of crude fiber is classed as a low-grade feed for the reason that such a feed usually is low in digestible protein and productive energy. Cottonseed hulls, oat hulls, peanut hulls, rice hulls, corn cobs, and materials of a similar nature contain high percentages of crude fiber. If sufficient bulky materials are available, such as hays, fodders, or grass, it is unwise for the feeder to expend money for the purchase of commercial feeding stuff containing large amounts of crude fiber, a constituent that is digested with difficulty.

If the crude fiber in cottonseed meal exceeds certain limits, it indicates that the feed is adulterated with cottonseed hulls. In a similar way, crude fiber in excess of a given standard indicates the presence of corn cobs or corn bran in corn chop, rice hulls in rice bran, etc.

**Nitrogen-free Extract** includes starches, sugars, gums, and other bodies of a similar nature. These, together with the fat, are oxidized to maintain the animal heat and to furnish energy for the production of work. The nitrogen-free extract of most feeding stuffs of a concentrated nature is composed largely of sugars and starches, which are readily digested.

**Moisture** is present in all feeding stuffs. The material may seem to be dry, but nevertheless, it contains an appreciable amount of water. An excess of water may cause the feed to heat or spoil, if stored under such conditions that the feed cannot dry out quickly enough.

**Ash** is the residue from a feeding stuff that has been burned. The ash consists chiefly of lime, magnesia, soda, and potash combined with chlorine

and carbonic, sulphuric, or phosphoric acid which is derived from the soil. Constituents of ash are necessary to the animals inasmuch as they are used for the formation of bone, for constituents of the blood, and for other purposes. If the various necessary constituents of the ash are not present in sufficient quantity, the animal may not grow or produce as well as it should, or it may suffer from various diseases. Sometimes it is necessary to supplement the ash naturally present in feeds with additional amounts. Calcium and phosphorus are the constituents most often deficient. An excessive amount of ash in the feed may indicate adulteration with dirt, sand, or other mineral matter.

### DEFINITIONS AND STANDARDS ADOPTED

The Director of the Texas Agricultural Experiment Station is empowered to adopt standards for and definitions of feeding stuffs; therefore, the registration of any feeding stuff may be refused if it does not conform to the standard and definition or if application is made under a name which is misleading as to materials of which it is composed. Registrations continue in force until revision or re-registration may be required, unless cancelled for cause. The following will be considered as sufficient reasons for the cancellation of any registration, after ten days' notice: if a feeding stuff is registered and then discovered to be in violation of the standard and definition adopted; the use of a brand name that is found to be misleading in any respect; the use of a feed ingredient that is found to be injurious; the incorrect labeling of a feed with regard to any ingredient; misbranding or adulteration; notice from the manufacturer that the sale of any given brand has been discontinued, and notice from the manufacturer that he has ceased to do business in Texas.

Commercial Feeding Stuffs Bulletin No. 640, published October, 1943, contains the full text of definitions of and standards for commercial unmixed feeds.

### SPECIAL-PURPOSE MIXED FEEDS

The following standards for special-purpose mixed feeds have been adopted by the Association of Southern Feed Control Officials:

Table 4. Chemical Standards for Special-Purpose Mixed Feeds

Name of Feed	Minimum Protein, Per Cent	Minimum Fat, Per Cent	Maximum Fiber, Per Cent
Horse and Mule Feed.....	9.00	2.00	15.00
Dairy or Dairy Cow Feed.....	15.00	3.00	15.00
Complete Hog Feed or Ration.....	14.00	3.00	8.00
Chick Scratch Feed.....	9.00	2.00	4.00
Poultry Intermediate Scratch Feed.....	9.00	2.00	4.50
Poultry Scratch Feed.....	9.00	2.00	5.00
Poultry All-Mash Broiler Ration.....	17.00	3.50	8.00
Chick Starting Mash.....	17.00	3.50	7.00
All-Mash Starting Ration.....	15.00	3.50	7.00
Growing Mash.....	15.00	3.50	8.00
All-Mash Growing Ration.....	15.00	3.50	7.00
Starting and Growing Mash.....	17.00	3.50	7.00
All-Mash Starting and Growing Ration.....	15.00	3.50	7.00
Laying or Egg Mash.....	18.00	3.50	8.00

Table 4. Chemical Standards for Special-Purpose Mixed Feeds—Continued

Name of Feed	Minimum Protein, Per Cent	Minimum Fat, Per Cent	Maximum Fiber, Per Cent
All-Mash Laying Ration.....	15.00	3.50	8.00
All-Mash Poultry Ration.....	15.00	3.50	7.00
Poultry Fattening Mash.....	13.00	3.50	8.00
Turkey Starting Mash.....	18.00	3.50	8.00
Turkey Growing Mash.....	17.00	3.50	8.00
Turkey Starting and Growing Mash.....	18.00	3.50	8.00
Turkey Laying Mash.....	18.00	3.50	8.00
Turkey All-Mash Laying Ration.....	15.00	3.50	8.00

### UNMIXED FEEDS

Table 5 shows the chemical standards for simple commodities which are now in effect in Texas. In calculating guaranties for mixed feeds Table 3 should be used.

Table 5. Chemical Standards

Name of Feed	Minimum Protein, Per Cent	Minimum Fat, Per Cent	Maximum Fiber, Per Cent
Chopped Alfalfa.....	13.00	1.50	33.00
Alfalfa Leaf Meal.....			18.00
Alfalfa Meal.....	13.00	1.50	33.00
Ground Whole Barley.....			6.00
Raw Bone Meal.....	23.00		
Dried Buttermilk.....		5.00	
Evaporated, Concentrated, Condensed Buttermilk.....		2.00	
Corn Bran.....	8.00	5.00	12.00
Corn Chop.....	9.00	3.50	3.00
Ear Corn Chop.....	8.20	3.20	8.00
Ear Corn Chop with Husk.....	8.00	3.00	10.00
Corn Feed Meal.....	8.00	3.00	3.00
48% Protein Cottonseed Meal and Cake.....	48.00	7.00	9.00
45% Protein Cottonseed Meal and Cake.....	45.00	6.00	10.00
43% Protein Cottonseed Meal and Cake.....	43.00	5.20	12.00
41% Protein Cottonseed Meal and Cake.....	41.00	5.00	12.00
41.12% Protein Cottonseed Feed.....	41.12	5.00	14.00
38.56% Protein Cottonseed Feed.....	38.56	5.00	18.00
36% Protein Cottonseed Feed.....	36.00	5.00	22.00
28% Protein Whole-Pressed Cottonseed.....	28.00		
25% Protein Whole-Pressed Cottonseed.....	25.00		
Crab Meal.....	25.00		
Feterita Chop.....	11.00	2.80	3.00
Feterita Head Chop.....	10.00	2.50	8.00
Hominy Feed.....	10.00	5.00	7.00
Kafir Chop.....	10.00	2.50	3.00
Kafir Head Chop.....	8.50	2.50	8.00
Lespedeza Meal.....			28.00
Malt Sprouts.....	24.00		
Meat Meal.....	65.00		
Milo Chop.....	10.00	2.50	3.00
Milo Head Chop.....	8.50	2.50	8.00
Feeding Oat Meal.....			4.00
48% Protein Peanut Meal and Cake.....	48.00	7.00	9.00
45% Protein Peanut Meal and Cake.....	45.00	6.00	10.00
43% Protein Peanut Meal and Cake.....	43.00	6.00	12.00
36% Protein Whole-Pressed Peanuts.....	36.00		22.00
34% Protein Whole-Pressed Peanuts.....	34.00		24.00
Rice Bran.....	11.00	10.00	15.00
Rice Polishings.....	11.00	6.00	4.00
Rye Flour Middlings.....			5.00
Rye Low-Grade Feed Flour.....			1.50
Wheat Bran.....	14.50	3.00	10.00
Wheat Brown Shorts.....	15.00	3.50	7.50
Wheat Chop.....	12.00	2.00	3.00
Wheat Gray Shorts.....	15.00	3.50	6.00
Wheat Low-Grade Feed Flour.....			1.50
Wheat Mixed Feed.....	15.00	3.50	8.50
Wheat Red Dog.....			4.00
Wheat White Shorts.....	14.50	3.00	3.50

## OFFICIAL TAX TAGS

One of the principal requirements of the Texas Feed Law is that every lot or parcel of feeding stuff sold, offered or exposed for sale in this State must bear an official tag printed to show certain information as outlined under **Chief Requirements of the Texas Feed Law** on page 6. The cost of tags is based upon a tax of ten cents per ton of feeding stuff as levied by law. Printing on the reverse side of tags is at the purchaser's expense. The Division of Feed Control Service will furnish printing instructions and deliver tags to local printers when such request accompanies the order, but assumes no responsibility in regard to printing cost, deliveries, or other transactions between purchasers of tags and printers. Gummed labels will be supplied in the same denominations and at the same rate as tags. If gummed labels are desired, orders must so specify. Tags will be supplied unless labels are specified. Gummed labels cannot be furnished blank, but must be printed under the supervision of the Division of Feed Control Service for the reason that they are printed on only one side and **cuts of facsimile signatures** must be used.

The following gives the cost of various legal denominations of tags or gummed labels, exclusive of printing charges:

Denomination		Cost	
125	pound tags.....	\$ 6.25	per M
100	pound tags.....	5.00	per M
75	pound tags.....	3.75	per M
50	pound tags.....	2.50	per M
25	pound tags.....	1.25	per M
16 $\frac{2}{3}$	pound tags.....	.83 $\frac{1}{3}$	per M
12 $\frac{1}{2}$	pound tags.....	.62 $\frac{1}{2}$	per M
10	pound tags.....	.50	per M
8 $\frac{1}{3}$	pound tags.....	.41 $\frac{2}{3}$	per M
6 $\frac{1}{4}$	pound tags.....	.31 $\frac{1}{4}$	per M
5	pound tags.....	.25	per M

Tags are packed 1,000 per box, ten boxes per shipping case. The weight of 1,000 tags is approximately five pounds. All shipments of tags and labels are F.O.B. College Station. Remittance to cover cost of tags or labels payable to the Division of Feed Control Service should accompany each order; otherwise, shipments will be made C. O. D.

## REDEMPTION OF TAX TAGS

When tags are printed in error or become obsolete, they will be redeemed by the Division of Feed Control Service at their full value less the original cost of the tags to the Division, provided they are returned by prepaid express or parcel post.



## AVERAGE COMPOSITION OF FEEDING STUFFS ANALYZED

Table 6 shows the average composition of many feeding stuffs analyzed during the past year. The analyses of mixed and of proprietary feeds are not included in this table.

Table 6. Average Composition of Feeding Stuffs Analyzed During the Year 1943-44

No. of Samples	Name of Feed	Crude Protein, Per Cent	Crude Fat, Per Cent	Crude Fiber, Per Cent	Nitrogen-free Extract, Per Cent	Moisture, Per Cent	Crude Ash, Per Cent
4	Alfalfa Leaf Meal.....	22.72	2.86	16.30	39.17	7.40	11.55
10	Alfalfa Meal.....	15.72	1.99	26.77	37.96	8.39	9.17
1	Alfalfa Stem Meal.....	13.36	1.66	30.30	35.75	11.13	7.80
2	22% Protein Babassu Oil Meal.....	23.90	7.13	12.14	45.85	5.93	5.05
8	Whole Barley (Chopped, Ground, Rolled, and Crimped).....	12.56	1.91	5.13	66.76	9.97	3.67
2	Beet Pulp, Dried.....	8.93	0.35	20.99	59.76	6.90	3.07
2	25% Protein New Process Steamed Bone Meal.....	29.06	0.92	0.50	2.98	7.74	58.80
1	25% Protein Feeding Raw Bone Meal.....	26.25	8.25	0.73	3.07	7.85	53.85
1	Brewers' Dried Grains.....	25.42	6.39	16.48	37.55	10.36	3.80
4	Buttermilk, Dried.....	34.04	5.89	0.36	37.59	8.81	13.31
6	Citrus Pulp, Dried.....	5.74	2.69	11.08	61.99	11.31	7.19
2	Corn Bran.....	11.26	9.16	5.11	60.65	10.76	3.06
1	Corn Chop.....	9.50	4.36	2.79	69.69	12.38	1.28
1	Corn Distillers' Dried Grains with Solubles.....	31.61	4.17	8.78	40.60	10.33	4.51
6	Corn Gluten Feed.....	26.42	2.83	7.24	45.73	10.44	7.34
2	41% Protein Corn Gluten Meal.....	43.48	2.53	3.88	36.53	9.53	4.05
24	Ear Corn Chop with Husk.....	7.48	2.91	11.42	64.03	11.34	2.82
81	43% Protein Cottonseed Cake, Cubes, and Pellets.....	42.36	6.00	11.20	27.28	7.70	5.46
25	41% Protein Cottonseed Cake, Cubes, and Pellets.....	40.90	5.84	11.86	27.95	7.98	5.47
1	41.12% Protein Cracked Cottonseed Feed.....	40.90	5.13	12.79	27.85	7.40	5.93
14	41.12% Protein Ground Cottonseed Feed.....	41.05	5.34	12.51	27.69	7.43	5.98
295	43% Protein Cottonseed Meal.....	42.44	6.49	10.88	27.17	7.45	5.57
95	41% Protein Cottonseed Meal.....	40.90	6.21	11.66	27.89	7.62	5.72
1	30% Protein Whole-Pressed Cottonseed.....	25.04	8.33	22.17	33.26	6.72	4.48
7	28% Protein Whole-Pressed Cottonseed Cubes, Nuggets, and Pellets.....	28.76	5.81	23.50	31.36	6.01	4.56
5	28% Protein Ground Whole-Pressed Cotton- seed.....	28.36	5.47	22.17	34.16	5.11	4.73
11	28% Protein Whole-Pressed Cottonseed.....	28.25	6.28	22.91	32.14	5.84	4.58
1	27% Protein Whole-Pressed Cottonseed.....	26.50	5.58	28.50	29.88	5.41	4.13
1	60% Protein Fish Meal.....	61.65	5.50	0.45	3.00	11.19	18.21
1	Flax Plant By-Product.....	6.70	2.47	43.68	30.98	10.17	6.00
2	Ground Hegari Heads, Stalks, and Stems.....	5.45	2.17	13.59	60.53	10.63	7.63
2	Hominy Feed.....	11.16	6.43	6.34	62.17	9.56	4.34
1	Sub-Standard Hominy Feed.....	10.45	7.92	8.77	58.74	11.29	2.83
10	34% Protein Linseed Meal.....	35.59	5.79	8.71	35.77	8.06	6.08
1	32% Protein Linseed Meal.....	33.31	11.18	9.46	33.78	6.54	5.73
1	60% Protein Liver Meal.....	65.19	16.79	0.61	2.47	7.29	7.65
1	55% Protein Meat Scraps.....	51.55	11.02	1.50	0.01	8.14	27.78
12	55% Protein Meat and Bone Scraps.....	55.05	7.11	2.32	2.04	6.67	26.81
67	50% Protein Meat and Bone Scraps.....	50.12	11.10	2.03	2.36	6.62	27.77
4	48% Protein Meat and Bone Scraps.....	48.23	11.71	1.64	1.04	6.63	30.75
2	45% Protein Meat and Bone Scraps.....	45.03	12.87	2.33	2.63	6.00	31.14
1	Milo Bran.....	11.35	4.27	5.39	64.13	10.52	4.34
8	Milo Chop.....	10.59	3.12	2.02	71.29	11.06	1.92
7	Milo Head Chop.....	9.68	2.67	6.12	67.55	9.71	4.27
2	Whole Oats (Chopped, Ground, Rolled, and Crimped).....	12.12	4.34	9.64	59.68	10.91	3.31
1	Oat Shorts and Oat Screenings.....	12.98	10.56	2.69	62.62	8.10	3.05
2	Ground Peanut Hay.....	10.65	3.30	24.50	39.16	13.08	9.31
9	45% Protein Peanut Meal.....	42.55	7.76	13.21	23.89	7.47	5.12
10	43% Protein Peanut Cake, Cubes, and Pellets.....	39.03	9.42	12.75	25.47	6.33	7.00
26	43% Protein Peanut Meal.....	41.94	7.50	15.35	23.09	7.39	4.73

Table 6. Average Composition of Feeding Stuffs Analyzed During the Year 1943-44  
—Continued

No. of Samples	Name of Feed	Crude Protein, Per Cent	Crude Fat, Per Cent	Crude Fiber, Per Cent	Nitrogen-free Extract, Per Cent	Moisture, Per Cent	Crude Ash, Per Cent
2	41% Protein Peanut Cake.....	42.82	7.04	14.37	22.26	8.22	5.29
2	41% Protein Peanut Meal.....	37.27	8.08	17.08	23.92	8.16	5.49
2	36% Protein Flaked Peanut Feed.....	38.57	9.09	10.66	27.86	5.38	8.44
1	36% Protein Whole-Pressed Peanuts.....	34.87	9.36	23.86	22.01	5.55	4.35
2	34% Protein Ground Whole-Pressed Peanuts.....	32.85	9.02	24.65	21.25	7.25	4.98
2	25% Protein Whole-Pressed Peanuts.....	30.67	9.57	20.50	25.73	7.45	6.08
	Protein Whole-Pressed Peanut Screen- ings.....	28.93	11.03	20.02	27.72	5.55	6.75
5	Rice Bran.....	11.49	13.50	14.55	36.04	9.69	14.73
3	Rice Polishings.....	12.73	12.84	3.86	51.69	10.30	8.58
1	69% Protein Sardine Meal.....	64.45	3.27	0.35	6.55	6.49	18.89
1	64% Protein Steam-Dried Sardine Meal.....	63.76	4.27	0.26	6.62	9.12	15.97
1	62% Protein Steam-Dried Sardine Meal.....	67.30	3.34	0.33	7.24	7.14	14.65
1	44% Protein Soybean Oil Pellets.....	42.75	0.84	6.07	32.21	12.64	5.49
1	43% Protein Soybean Oil Meal.....	44.03	4.95	5.37	29.45	10.27	5.93
18	41% Protein Soybean Oil Cake, Pellets, and Cubes.....	42.92	6.25	5.66	29.75	9.83	5.59
80	41% Protein Soybean Oil Meal.....	43.09	6.11	5.80	30.46	8.80	5.74
1	11% Protein Ground Soybean Mill Feed.....	11.49	2.56	34.14	38.94	8.68	4.19
11	60% Protein Digester Tankage.....	59.17	10.64	2.45	0.75	5.85	21.14
1	50% Protein Digester Tankage with Bone.....	48.19	19.56	3.18	3.88	5.17	20.02
2	40% Protein Feeding Tankage with Bone.....	43.23	13.48	1.77	4.82	4.82	31.88
1	Wheat Bran.....	16.76	4.37	8.90	52.91	10.77	6.29
2	Wheat Bran and Scourings.....	16.24	3.86	9.80	53.25	10.39	6.46
22	Wheat Bran and Screenings.....	17.12	4.24	9.43	52.47	10.46	6.28
3	Wheat Brown Shorts and Screenings.....	16.48	3.59	6.76	55.88	12.81	4.48
3	Wheat Chop.....	14.80	1.78	3.23	67.46	10.56	2.17
1	Wheat Distillers' Dried Grains with Solubles.....	31.96	7.27	7.73	41.94	6.70	4.40
1	Wheat Flour (Clear).....	13.30	1.38	0.42	72.04	12.23	0.63
4	Wheat Low-Grade Feed Flour.....	15.13	1.65	0.39	70.55	11.45	0.83
13	Wheat Gray Shorts.....	17.17	4.15	5.49	57.83	11.22	4.14
74	Wheat Gray Shorts and Screenings.....	17.08	3.75	5.32	58.14	11.68	4.03
5	Ground Wheat.....	13.03	1.89	3.43	68.42	11.16	2.07
4	Wheat Mixed Feed and Screenings.....	16.93	3.51	7.39	55.44	11.38	5.35

## DIGESTIBLE PROTEIN AND PRODUCTIVE ENERGY OF FEEDS

The digestible protein represents that portion of the feed which can be used for the repair or formation of flesh or nitrogenous body constituents or for the formation of nitrogenous materials in milk or eggs. The productive energy represents that portion of the feed which is available for the purpose of furnishing heat to the animal or energy for life processes and work; it also furnishes material for the production of the constituents of milk, eggs, or fat. The productive energy represents the net value of the feed for energy for ruminants after all losses involved in digestion and assimilation have been allowed for. The digestible protein and productive energy, therefore, are the two best indicators of the productive value of a feed.

The digestible protein and productive energy of feeds of the average composition shown in Table 6 are given in Table 7. The method of obtaining these figures is described fully in Bulletins Nos. 329, 372, 402, 436, and 461 of this Station.



Table 7. Digestible Protein and Productive Energy of Feeds Calculated from Average Analyses Shown in Table 6\*

Number Averaged	Name of Feed	Digestible Protein Per Cent	Productive Energy, Therms in 100 lbs.
4	Alfalfa Leaf Meal.....	16.8	50.1
10	Alfalfa Meal.....	11.8	43.6
1	Alfalfa Stem Meal.....	9.2	37.0
2	22% Protein Babassu Oil Meal.....	21.0	86.1
8	Whole Barley (Chopped, Ground, Rolled and Crimped)...	10.1	74.2
2	Beet Pulp, Dried.....	4.4	76.4
2	25% Protein New Process Steamed Bone Meal.....	20.1	22.8
1	25% Protein Feeding Raw Bone Meal.....	18.1	22.5
1	Brewers' Dried Grains.....	20.6	47.6
4	Buttermilk, Dried.....	32.0	85.2
6	Citrus Pulp, Dried.....	4.5	70.9
2	Corn Bran.....	6.0	60.8
1	Corn Chop.....	6.1	85.2
1	Corn Distillers' Dried Grains with Solubles.....	21.5	49.7
6	Corn Gluten Feed.....	23.3	67.9
2	41% Protein Corn Gluten Meal.....	38.3	73.8
24	Ear Corn Chop with Husk.....	4.5	69.2
81	43% Protein Cottonseed Cake, Cubes, and Pellets.....	35.6	70.2
25	41% Protein Cottonseed Cake, Cubes, and Pellets.....	34.4	69.0
1	41.12% Protein Cracked Cottonseed Feed.....	34.4	67.2
14	41.12% Protein Ground Cottonseed Feed.....	34.5	67.7
295	43% Protein Cottonseed Meal.....	35.7	71.4
95	41% Protein Cottonseed Meal.....	34.4	69.9
1	30% Protein Whole-Pressed Cottonseed.....	20.0	61.5
7	28% Protein Whole-Pressed Cottonseed Cubes, Nuggets, and Pellets.....	23.0	56.8
5	28% Protein Ground Whole-Pressed Cottonseed.....	22.7	57.7
11	28% Protein Whole-Pressed Cottonseed.....	22.6	58.2
1	27% Protein Whole-Pressed Cottonseed.....	21.2	52.7
1	60% Protein Fish Meal.....	46.2	61.1
1	Flax Plant By-Product.....	1.3	.....
2	Ground Hegari Heads, Stalks, and Stems.....	2.8	49.8
2	Hominy Feed.....	7.6	83.2
1	Sub-Standard Hominy Feed.....	7.1	83.0
10	34% Protein Linseed Meal.....	29.9	75.5
1	32% Protein Linseed Meal.....	28.0	84.7
1	60% Protein Liver Meal.....	42.4	46.6
1	55% Protein Meat Scraps.....	30.9	59.5
12	55% Protein Meat and Bone Scraps.....	33.0	51.4
67	50% Protein Meat and Bone Scraps.....	30.1	58.8
4	48% Protein Meat and Bone Scraps.....	28.9	59.3
2	45% Protein Meat and Bone Scraps.....	27.0	60.4
1	Milo Bran.....	7.7	59.9
8	Milo Chop.....	7.7	87.1
2	Milo Head Chop.....	7.4	80.4
7	Whole Oats (Chopped, Ground, Rolled, and Crimped)...	9.5	70.8
1	Oat Shorts and Oat Screenings.....	12.7	103.8
2	Ground Peanut Hay.....	6.9	38.6
9	45% Protein Peanut Meal.....	37.9	75.6
10	43% Protein Peanut Cake, Cubes, and Pellets.....	34.7	77.2
26	43% Protein Peanut Meal.....	37.8	73.1
2	41% Protein Peanut Cake.....	38.1	72.0
5	41% Protein Peanut Meal.....	33.2	70.3
2	36% Protein Flaked Peanut Feed.....	31.2	75.9
1	36% Protein Whole-Pressed Peanuts.....	28.2	58.4
3	34% Protein Ground Whole-Pressed Peanuts.....	26.6	55.3
2	34% Protein Whole-Pressed Peanuts.....	24.9	58.5
2	25% Protein Whole-Pressed Peanut Screenings.....	23.4	61.9
5	Rice Bran.....	7.9	64.8
3	Rice Polishings.....	9.0	89.1
1	69% Protein Sardine Meal.....	47.7	52.3
1	64% Protein Steam-Dried Sardine Meal.....	47.2	52.1
1	62% Protein Steam-Dried Sardine Meal.....	49.8	54.8
1	44% Protein Soybean Oil Pellets.....	35.5	67.1
1	43% Protein Soybean Oil Meal.....	36.5	74.5
18	41% Protein Soybean Oil Cake, Pellets, and Cubes.....	35.6	76.6
80	41% Protein Soybean Oil Meal.....	35.8	77.1

\*Calculated by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

Table 7. Digestible Protein and Productive Energy of Feeds Calculated from Average Analyses Shown in Table 6\*—Continued

Number Averaged	Name of Feed	Digestible Protein Per Cent	Productive Energy, Therms in 100 lbs.
1	11% Protein Ground Soybean Mill Feed.....	7.8	32.6
11	60% Protein Digester Tankage.....	32.5	58.1
1	50% Protein Digester Tankage with Bone.....	26.5	75.5
2	40% Protein Feeding Tankage with Bone.....	23.8	59.3
1	Wheat Bran.....	13.1	53.3
2	Wheat Bran and Scourings.....	12.7	54.0
22	Wheat Bran and Screenings.....	13.4	55.9
3	Wheat Brown Shorts and Screenings.....	13.5	61.1
3	Wheat Chop.....	11.5	81.8
1	Wheat Distillers' Dried Grains with Solubles.....	22.4	55.9
1	Wheat Flour (Clear).....	10.5	84.8
4	Wheat Low-Grade Feed Flour.....	13.0	87.6
13	Wheat Gray Shorts.....	14.4	75.5
74	Wheat Gray Shorts and Screenings.....	14.4	74.9
5	Ground Wheat.....	10.7	81.5
4	Wheat Mixed Feed and Screenings.....	13.5	59.3

\*Calculated by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

## CAROTENE IN FEEDS

Vitamin A potency in feeds may be supplied by vitamin A as such, which occurs as a colorless compound in fish oils, by carotene, which occurs as a yellow compound in alfalfa products and other green feeds, or by cryptoxanthin and carotene, which occur in yellow corn. The most important sources of vitamin A potency are carotene in green colored feeds and cryptoxanthin and carotene in yellow corn. To the feeder of live-

Table 8. Carotene in Feeds

Name and Address of Manufacturer or Importer. Brand Name.	Parts Pure Carotene Per Million
Caney Valley Cooperative Drying Association, Wharton, Texas. Dehydrated Alfalfa Leaf Meal.....	181.8
Corn Products Refining Company, New York, New York. Buffalo Corn Gluten Feed.....	1.5
Denver Alfalfa Milling & Products Company, The, Lamar, Colorado. 17% Protein Dehydrated Alfalfa Meal.....	80.0
Alfalfa Stem Meal.....	14.6
Triple XXX Brand Alfalfa Meal.....	27.0
20% Protein Dehydrated Alfalfa Meal.....	146.0
Fraser Milling Company, Hereford, Texas. Alfalfa Meal.....	13.3
Houston Milling Company, Inc., Houston, Texas, and Branches. Arrow Kafir-Milo Bran.....	0.5
Arrow Kafir-Milo Bran.....	0.5

Table 8. Carotene in Feeds—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Parts Pure Carotene Per Million
<b>Kent Company, The I. H.,</b> Fallon, Nevada. Newlands Brand Alfalfa Meal.....	29.0
<b>Liberty Mills,</b> San Antonio, Texas. Hearts Delight Brand Kafir Bran and Milo Bran.....	0.4
<b>Pecos Valley Alfalfa Mill Company,</b> Chandler, Arizona. Alfalfa Meal..... Velvet Brand Alfalfa Meal..... Velvet Brand Alfalfa Meal..... Velvet Brand Alfalfa Meal..... Peevee Alfalfa Leaf Meal..... Peevee Alfalfa Leaf Meal.....	21.3 39.0 53.0 85.0 161.5 22.7
<b>Penick &amp; Ford, Ltd., Inc.,</b> Cedar Rapids, Iowa. Douglas 41 % Protein Corn Gluten Meal.....	20.2
<b>Rule Cotton Oil Mill,</b> Rule, Texas. 41 % Protein Soybean Oil Meal.....	0.3
<b>Southland Cotton Oil Company,</b> Oklahoma City, Oklahoma. 41 % Protein Soybean Oil Meal.....	0.1
<b>South Texas Cotton Oil Company,</b> Victoria, Texas. 34 % Protein Linseed Meal.....	0.3
<b>Staley Manufacturing Company, A. E.,</b> Decatur, Illinois. Staley's Corn Gluten Feed.....	4.3
<b>Tremaine Alfalfa Milling Company,</b> Mesa, Arizona. Tremaine Brand Alfalfa Meal.....	13.6
<b>Waldo Alfalfa Milling Company, Inc.,</b> Bryan, Texas. Waldo Dehydrated Alfalfa Leaf Meal.....	148.0

stock, a vitamin A deficiency means less gain in weight per pound of feed, more sick animals, greater mortality, and a lower grade of finished product. This results, of course, in a lower profit, or even a loss. Dairy cattle, sheep, and beef cattle secure most of their needed carotene from green plants or roughages, but poultry and hogs, if they do not have access to green feed, are dependent on the feed furnished them. It is important, therefore, to know what commercial feeds are high in carotene and what feeds are deficient.

During the past year an investigation of the carotene content of a few feeds on the Texas market has been continued under the direction of Dr. G. S. Fraps, Chief, Division of Chemistry, and the results are shown in Table 8. Wide differences are seen in the carotene content of the feed studied.

**HARDNESS OF COTTONSEED CAKE**

The force required to crush cottonseed cake between flat surfaces has been adopted as the best method of testing cake to ascertain its hardness. Tentatively, cracked cake with a crushing strength of 400 pounds or less is classed as soft; cake with a crushing strength of 401 to 1,500 pounds is classed as medium hard; cake with a crushing strength of 1,501 to 2,500 pounds is classed as hard, and that with a crushing strength of over 2,500 pounds is classed as very hard. This classification refers to the nut-size cottonseed cake, cubes, and pellets as sold for feeding purposes.

During the past year twenty-seven samples have been tested for hardness by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief, and the results appear in Table 9.

**Table 9. Hardness of Cottonseed Cake**

Name and Address of Manufacturer or Importer. Brand Name.	Crushing Strength, Lbs.
<b>Alamo Cotton Oil Mill, San Antonio, Texas.</b> Cotton Bloom Brand 43% Protein Cottonseed Cake.....	1039—Medium Hard
<b>Brady Cotton Oil Company, Brady, Texas.</b> 43% Protein Cracked Cottonseed Cake.....	1383—Medium Hard
<b>Bryan Cotton Oil &amp; Fertilizer Company, Bryan, Texas.</b> 43% Protein Cottonseed Cake.....	2676—Very Hard
<b>Chickasha Cotton Oil Company, Chickasha, Oklahoma.</b> Chickasha Quality Brand 43% Protein Cottonseed Cake.....	844—Medium Hard
<b>Chillicothe Cotton Oil Company, Chillicothe, Texas.</b> 43% Protein Cracked Cottonseed Cake.....	1362—Medium Hard
<b>Collin County Cotton Oil Company, McKinney, Texas.</b> 43% Protein Cottonseed Cake.....	802—Medium Hard
<b>Fort Worth Cotton Oil Mill, Fort Worth, Texas.</b> 43% Protein Cottonseed Cake.....	1008—Medium Hard
<b>Gainesville Oil Mill, Gainesville, Texas.</b> Golden Rod Brand 43% Protein Nut-Size Cottonseed Cake....	977—Medium Hard
<b>Harlingen Cotton Oil Mill, Harlingen, Texas.</b> 41% Protein Cottonseed Cake.....	1141—Medium Hard
<b>Hill County Cotton Oil Company, Hillsboro, Texas.</b> 43% Protein Cottonseed Cake.....	527—Medium Hard
<b>Honey Grove Cotton Oil Company, The, Honey Grove, Texas.</b> 43% Protein Cracked Cottonseed Cake.....	939—Medium Hard
<b>Kimbrell Oil Mill, Sherman, Texas.</b> 43% Protein Cottonseed Cake.....	1228—Medium Hard
<b>Mid-West Cooperative Oil Mill, Hamlin, Texas.</b> 43% Protein Cottonseed Cake.....	966—Medium Hard
<b>Munger Cotton Oil Company, Mexia, Texas.</b> 41% Protein Cottonseed Cake.....	940—Medium Hard
<b>Quanah Cotton Oil Company, Quanah, Texas.</b> 43% Protein Cottonseed Pellets.....	197—Soft
<b>Sealy Oil Mill &amp; Manufacturing Company, Sealy, Texas.</b> 43% Protein Cottonseed Cake.....	848—Medium Hard
<b>Schulenburg Oil Mill, The, Schulenburg, Texas.</b> 43% Protein Cottonseed Cake.....	1435—Medium Hard

Table 9. Hardness of Cottonseed Cake—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crushing Strength, Lbs.
Schumacher Oil Works, The H., Navasota, Texas. 43% Protein Cottonseed Cake.....	824—Medium Hard
South Texas Cotton Oil Company, Austin, Texas. 41% Protein Cottonseed Cake.....	607—Medium Hard
South Texas Cotton Oil Company, Corpus Christi, Texas. 41% Protein Cottonseed Cake.....	1320—Medium Hard
South Texas Cotton Oil Company, Hearne, Texas. 41% Protein Cracked Cottonseed Cake.....	1597—Hard
Southland Cotton Oil Company, Waxahachie, Texas. 43% Protein Cottonseed Cake.....	959—Medium Hard
Stamford Cotton Oil Mill, Stamford, Texas. Chuck Wagon Brand 43% Protein Cottonseed Cake.....	1073—Medium Hard
Stamford Cotton Oil Mill, Stamford, Texas. Chuck Wagon Brand 43% Protein Cottonseed Pellets.....	524—Medium Hard
Van Alstyne Cotton Oil Company, Van Alstyne, Texas. 43% Protein Cottonseed Cake.....	2032—Hard
Vernon Cotton Oil Company, Vernon, Texas. 43% Protein Cottonseed Pellets.....	527—Medium Hard
West Texas Cottonoil Co., Abilene, Texas. Paymaster Brand 43% Protein Cottonseed Cake.....	1682—Hard

### CARBONATE OF LIME AND SALT IN MIXED FEEDS

Many feeds of a mixed nature are registered to contain certain percentages of ground limestone, ground oyster shell, or some other material as a source of carbonate of lime, and salt. Determinations of the percentages of salt and carbonate of lime in a number of the inspection samples of mixed feeds show that the guaranties were not met in all cases. Some samples contained more salt and lime carrier than guaranteed, while others contained deficiencies in these ingredients, indicating failure to follow the formulas or lack of uniformity in mixing the ingredients.

During the period covered by this report the Division of Chemistry made 853 quantitative determinations of salt and 852 quantitative determinations of carbonate of lime in mixed feeds. Those shipments containing appreciable deficiencies or excesses were reported to the manufacturers and may be listed as follows:

#### Number of Shipments

- 130 Deficient in ground limestone.
- 92 Deficient in ground oyster shell.
- 19 Deficient in salt.
- 40 Deficient in ground limestone and salt.
- 51 Deficient in ground oyster shell and salt.
- 30 Deficient in ground oyster shell with excess of salt.
- 39 Deficient in ground limestone with excess of salt.



- 5 Deficient in salt with excess of ground limestone.
- 9 Deficient in salt with excess of ground oyster shell.
- 82 Excess of salt.
- 1 Excess of precipitated carbonate of lime.
- 23 Excess of ground limestone.
- 10 Excess of ground oyster shell.
- 4 Excess of calcium carbonate.
- 15 Excess of ground limestone and salt.
- 14 Excess of ground oyster shell and salt.
- 50 Carbonate of lime found; not claimed.

The percentage of samples showing excess of lime is greater than last year and the percentage showing deficiency is also much greater. The percentage of samples showing excess of salt was 21.1%, as compared with 17.9% of the previous year. The percentage of samples showing deficiency in salt was 14.5% as compared with 17% of the previous year. There is still need for greater improvement on the part of the manufacturers as the amount of lime carrier and salt is always shown on feed inspection tags and the guaranties should be maintained in all cases.

Table 10 shows that 60.2% of the samples examined for lime carrier and 35.6% of the samples examined for salt did not contain the correct amount of limestone, oyster shell, or carbonate of lime, or salt as guaranteed to be present.

All manufacturers are advised to follow the formulas and take the necessary steps to insure proper mixing of the ingredients before sales are made.

Table 10. Summary of Carbonate of Lime and Salt Determinations

Ingredients	Number Samples Examined	Number Samples Deficient	Number Samples with Excess	Per Cent	
				Deficient	With Excess
Limestone, Oyster Shell, or Calcium Carbonate.....	852	382	131	44.8	15.4
Salt.....	853	124	180	14.5	21.1

### TESTS OF COMMERCIAL FEEDS FOR POISONS OR OTHER HARMFUL SUBSTANCES

The Division frequently receives complaints from feeders that they have sustained a loss of livestock and allege that certain feed is responsible for this loss. Samples of the feed in question accompany these complaints and the Division is requested to examine for the presence of poison or other harmful substances.

During the period covered by this report ten such samples have been received and used in feeding tests. Four samples of poultry feed were fed to chickens of proper age under the direction of R. M. Sherwood, Chief, Division of Poultry Husbandry; three samples of stock feed were fed to



proper animals under the direction of Dr. H. Schmidt, Chief, Division of Veterinary Science; two samples of hog feed were fed to proper animals under the direction of Fred Hale, Chief, Division of Swine Husbandry; and one sample was fed to proper animals under the direction of O. C. Copeland, Chief, Division of Dairy Husbandry. In all cases tests were made under close supervision, but all tests proved negative for poisonous substances.

## COOPERATIVE RESEARCH PROJECTS

Results of some of the work on the cooperative research projects have been presented on the preceding pages. They include the carotene in alfalfa meals and other feeds; salt and calcium carbonate in mixed feeds; the hardness of cottonseed cake, and samples tested for poisons or other harmful substances.

Allotments of funds of the Division of Feed Control Service for research projects to assist in proper and adequate administration of the Texas Feed Law have been made to the following Divisions of the Texas Agricultural Experiment Station:

### Division of Chemistry

- Chemical Analyses and Investigations of Commercial Feeds
- Vitamins in Commercial Feeds
- Relation of Soil Composition to Plant and Animal Nutrition

### Division of Dairy Husbandry in Cooperation with the Department of Dairy Husbandry, A. & M. College

- High Versus Low Protein Rations for Lactating Dairy Cows

### Division of Farm and Ranch Economics in Cooperation with Substation No. 20

- Land Use Adjustment in the West Cross Timbers Region

### Division of Poultry Husbandry

- Quality in Turkeys as Affected by Nutrition, Environment and Breeding
- Protein Requirements for Chick Rations
- Pullet Development Rations, Particularly as Differentiated from Brooder Rations
- Carotene Destroying Power of Feed
- The Effect of Practices Followed by Producers, Buyers, Distributors, and Consumers Upon Market Returns to Turkey Producers

### Division of Swine Husbandry

- A study of Amino Acids in Cottonseed and Cottonseed Meal

### Division of Veterinary Science

- Testing Manufactured Feed Samples for Poisons or Other Harmful Substances
- Poultry Disease Investigation

## SUMMARY

This bulletin contains a report of the inspection of feeding stuffs sold in the State of Texas during the year which ended August 31, 1944.

The purpose of the Texas Feed Law is explained and a summary of the law is given. Mention is made of regulations promulgated under the provisions of the Texas Feed Law and information is given concerning the payment of refunds and the control of interstate shipments.

Table 1 shows the shipments withdrawn from sale and the reasons for taking this action.

Suggestions are given to purchasers of feed which should aid them in securing the kind of feed desired and buying feed which comes up to the representations of the manufacturers.

Table 2 shows the estimated tonnage of feed sold in Texas yearly during the past thirty-eight years as computed from the sale of inspection tags.

Table 3 gives tentative guaranties for feed for the convenience of manufacturers in registering feeding stuffs for sale in Texas, and also analyses which can be used in calculating guaranties of mixed feeds.

A method of calculating guaranteed analyses of mixed feed is given for the benefit of manufacturers who wish to calculate their own guaranties.

Table 4 shows chemical standards for special-purpose mixed feeds.

The chemical standards for various by-products are given in Table 5. Information on inspection tax tags including cost of tags based on the tax rate is given.

In addition to definitions of terms used in reporting analyses of feeding stuffs there is a table showing the average composition of the feeds inspected during the year and also one showing the digestible protein and productive energy of feeds.

A table is given showing the carotene content of a few feeds on the Texas market.

Reference is made to the hardness of cottonseed cake. Table 9 shows the crushing strength of several samples of cottonseed cake sold for feeding purposes.

Information is given showing that in quite a few of the inspection samples of mixed feeds the guaranties of salt and carbonate of lime were not met in all cases.

A table is given showing the minimum, maximum, and average crude protein content of cottonseed products inspected during the year 1943-44.

Tables 11 and 13 give a detailed report of the results obtained in the inspection of feeding stuffs during the year ended August 31, 1944.

A list is given of the cooperative research projects carried on during the past year and supported by Division of Feed Control Service funds.

## MINERAL FEEDS

Mixed feeds containing both feed and more than 5 per cent of mineral ingredients require, in addition to the usual declaration of the chemical feed analysis, a declaration of each ingredient contained therein and the

minimum percentages of calcium (Ca), phosphorus (P), iodine (I), and the maximum percentage of salt (NaCl) if same be present. If minerals predominate in the mixture, the usual declaration of the chemical feed analysis, with the exception of protein, may be omitted.

In mineral feeds for which no nutritional properties other than those of a mineral nature are claimed, the usual chemical guaranties need not be declared. A declaration should be made of each ingredient contained therein and the minimum percentages of calcium (Ca), phosphorus (P), iodine (I), and the maximum percentage of salt (NaCl) if same be present.

The mineral ingredients should be stated in the common English terms, if any such terms exist.

Mineral feeds must be registered and labeled according to the specifications shown above. During the past year we have analyzed sixty-five samples of mineral feed and the results appear in Table 11.

## PROTEIN CONTENT OF COTTONSEED PRODUCTS SOLD IN TEXAS

Table 12 shows the minimum, maximum, and average content of crude protein in the cottonseed products inspected during the year ended August 31, 1944. It will be noticed that in many instances the minimum percentage of protein is much less than the guaranty. Whenever the guaranty is not maintained, the provisions of the Texas Feed Law have been violated although the average per cent of crude protein may exceed the amount guaranteed.

## RESULTS OF ANALYSES

Tables 11 and 13 contain a detailed report of the results obtained in the inspection of feeds during the season of 1943-44. In these tables will be found the analyses of all the official samples taken by the inspectors, together with the analyses of many samples of feed sent in by manufacturers for registration during the year ended August 31, 1944. Consumers and agents are advised to study this table and purchase from and represent companies which ship feed according to law.

The footnotes at the bottom of the pages refer to matters of importance in connection with the feeds designated, and we advise that they be carefully considered.

Table 11. Guaranteed Composition and Analyses of Mineral Feeds, September 1, 1943, to August 31, 1944

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent									
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	Calcium (Ca)	Phos- phorus (P)	Iodine (I)	Salt (NaCl)
<b>American Salt Corporation,</b> <b>Kansas City, Missouri.</b>										
Big 3 Mineral Supplement.....							3.5	3.5		84.0
Analysis.....							2.4	2.5		87.6
<b>Archer Grain Company, Inc.,</b> <b>Houston, Texas.</b>										
Archer's Mineral Supplement.....	17.50						12.0	3.5	Trace	27.5
Analysis <sup>1</sup> .....	20.36						10.6	3.7		29.8
<b>Armour and Company,</b> <b>Chicago, Illinois, and Branches.</b>										
Armour's Special Steamed Bone Meal.....	5.00	1.00	2.00	0.00			25.1	13.0		
Analysis <sup>2</sup> .....	10.80	5.98	1.08	4.31	2.95	74.88	27.9	13.1		
<b>Burrus Feed Mills,</b> <b>Dallas, Texas, and Branches.</b>										
Burrus B-Line Mineral Mix.....							27.0	1.5	0.019	20.0
Analysis <sup>1</sup> .....							27.9	2.0		21.0
<b>Carey Salt Company, The,</b> <b>Hutchinson, Kansas.</b>										
Carey's Mineral Supplement.....							5.0	2.0	0.015	84.0
Analysis.....							5.1	2.1		79.0
Analysis.....							5.8	2.1		80.1
Analysis.....							4.5	1.5		84.5
<b>Consolidated Chemical Industries, Inc.,</b> <b>Southern Division, Houston, Texas.</b>										
Texas Lone Star 25% Protein New Process Steamed Bone Meal.....	25.00	0.20	3.00	0.00			19.3	10.0		
Analysis.....	31.11	1.12	.34	3.30	6.30	57.83	21.3	9.8		
Analysis <sup>3</sup> .....	30.44	.42	.40	2.77	7.58	58.39	22.1	10.3		
Analysis.....	27.67	1.41	.61	3.19	7.90	59.22	22.4	10.3		
Analysis.....	28.22	1.26	2.66	.06	7.98	59.82	22.5	10.4		
Analysis.....	30.16	.66	.55	2.99	5.96	59.68	22.1	10.2		

<sup>1</sup>Obsolete tags attached.<sup>2</sup>Not tagged, but tags furnished. Amount in stock removed from sale until tagged.<sup>3</sup>Tags not printed according to registration.

COMMERCIAL FEEDING STUFFS

Table 11. Guaranteed Composition and Analyses of Mineral Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent									
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	Calcium (Ca)	Phos- phorus (P)	Iodine (I)	Salt (NaCl)
<b>Converted Rice,</b> <b>Houston, Texas.</b>										
Rice Bran and Limestone .....	<i>11.00</i>	<i>15.00</i>	<i>15.00</i>	<i>27.00</i>	<i>8.60</i>	<i>24.30</i>	<i>3.9</i>			
Analysis .....	<i>9.30</i>	<i>16.14</i>	<i>15.63</i>	<i>26.03</i>	<i>8.60</i>	<i>24.30</i>	<i>2.7</i>			
Analysis .....	<i>11.38</i>	<i>21.19</i>	<i>13.64</i>	<i>24.62</i>	<i>9.03</i>	<i>20.14</i>	<i>4.2</i>			
<b>Coronet Phosphate Company,</b> <b>New York, New York.</b>										
Defluorinated Superphosphate <sup>4</sup> .....							<i>25.0</i>	<i>10.5</i>		
Analysis <sup>5</sup> .....							<i>28.7</i>	<i>11.8</i>		
Analysis <sup>6</sup> .....							<i>28.3</i>	<i>12.1</i>		
<b>Cudahy Packing Company, The,</b> <b>Los Angeles, California.</b>										
Cudahy's All-Purpose Mineral Feed .....	<i>3.00</i>						<i>25.0</i>	<i>6.0</i>	<i>0.06</i>	<i>3.0</i>
Analysis .....	<i>13.36</i>						<i>25.2</i>	<i>6.5</i>		<i>4.5</i>
Analysis <sup>7</sup> .....	<i>13.41</i>						<i>25.5</i>	<i>6.3</i>		<i>3.9</i>
<b>Eden Wool &amp; Mohair Company,</b> <b>Eden, Texas.</b>										
Hall's Quality Brand Mineral Mixture .....							<i>7.0</i>	<i>3.5</i>		<i>75.0</i>
Analysis .....							<i>12.1</i>	<i>3.9</i>		<i>64.3</i>
<b>Fraser Milling Company,</b> <b>Hereford, Texas.</b>										
Sunny Boy All-Weather Mineral Feed .....							<i>14.9</i>	<i>2.2</i>	<i>0.015</i>	<i>50.0</i>
Analysis .....							<i>16.3</i>	<i>1.7</i>		<i>49.5</i>
<b>Houston Packing Company,</b> <b>Houston, Texas.</b>										
20% Protein Raw Bone Meal .....	<i>20.00</i>	<i>3.50</i>	<i>2.00</i>	<i>1.00</i>	<i>6.91</i>	<i>61.02</i>	<i>18.5</i>	<i>9.6</i>		
Analysis .....	<i>19.55</i>	<i>5.12</i>	<i>.62</i>	<i>6.78</i>	<i>6.91</i>	<i>61.02</i>	<i>23.5</i>	<i>10.8</i>		
<b>International Minerals and Chemical Corpora- tion, Chicago, Illinois.</b>										
Defluorophos Brand Defluorinated Phosphate .....							<i>26.5</i>	<i>13.0</i>		
Analysis <sup>8</sup> .....							<i>31.9</i>	<i>13.2</i>		
Defluorophos Brand Defluorinated Super- phosphate <sup>9</sup> .....							<i>26.5</i>	<i>13.0</i>		
Analysis <sup>10</sup> .....							<i>37.1</i>	<i>12.9</i>		



<b>Lamkin Brothers,</b>									
<b>Brownwood, Texas.</b>									
Giltedge Brand Mineral Mixture.....							14.0	1.0	58.0
Analysis <sup>11</sup> .....							17.6	.7	50.8
Analysis.....							17.5	.9	50.1
Analysis.....							16.4	.8	51.7
Analysis.....							17.4	.9	51.7
Analysis <sup>12</sup> .....							19.2	.9	45.6
<b>McCulloch County Cotton Oil Company,</b>									
<b>Brady, Texas.</b>									
Cotton Bloom Brand Range Mineral Supplement.....							11.0	5.5	60.0
Analysis.....							11.9	5.0	57.9
<b>Marquette Chemical Products Division,</b>									
<b>Marquette Cement Manufacturing Company,</b>									
<b>Chicago, Illinois.</b>									
Marquette Defluorinated Superphosphate <sup>13</sup> .....							21.2	10.9	
Analysis <sup>14</sup> .....							32.9	14.3	
<b>Martin-Lane Company,</b>									
<b>Vernon, Texas.</b>									
Martin's Crown Quality Brand Mineral Feed.....	4.20						15.8	2.5	6.8
Analysis <sup>15</sup> .....	4.50						18.6	1.3	6.0
Martin's Crown Quality Brand Range Mineral Feed.....							17.4	2.0	5.0
Analysis.....							22.6	1.1	6.0
<b>Moorman Manufacturing Company,</b>									
<b>Quincy, Illinois.</b>									
Moorman's Minerals for Hogs (Winter Formula).....							19.0	3.0	9.5
Analysis.....							20.8	3.7	10.5
<b>Nelson Grain Company,</b>									
<b>Claude, Texas.</b>									
Mineral Supplement.....							13.8	2.5	49.0
Analysis.....							14.7	2.4	50.1

<sup>4</sup>This guaranty includes fluorine (F) not more than 0.20%.

<sup>5</sup>Fluorine (F) 0.10% found.

<sup>6</sup>Not tagged, but tags furnished. Amount in stock removed from sale until tagged. Fluorine (F) .13% found.

<sup>7</sup>Not tagged, but tags furnished. Amount in stock removed from sale until tagged.

<sup>8</sup>Registration adjusted.

<sup>9</sup>This guaranty includes fluorine (F) not more than 0.05%.

<sup>10</sup>Fluorine (F) .04% found.

<sup>11</sup>Not tagged, but tags furnished. Amount in stock removed from sale until tagged.

<sup>12</sup>Steamed bone meal claimed, not found.

<sup>13</sup>This guaranty includes fluorine (F) not more than 0.26%.

<sup>14</sup>Fluorine (F) 0.17% found.

<sup>15</sup>Incorrectly printed tags attached.

Table 11. Guaranteed Composition and Analyses of Mineral Feeds, September 1, 1943, to August 31, 1944—Continued  
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent									
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	Calcium (Ca)	Phos- phorus (P)	Iodine (I)	Salt (NaCl)
<b>Park, Inc., Philip R., San Pedro, California.</b>										
1944 Regular Manamar.....	35.00	3.00	14.00	15.00	.....	.....	3.0	1.5	.....	.....
Analysis.....	37.30	4.36	11.10	20.18	13.67	13.39	2.5	1.3	.....	.....
Analysis <sup>16</sup> .....	37.66	4.94	7.98	19.68	12.93	16.81	3.3	1.8	.....	2.9
Winter Manamar for Pigs.....	34.00	2.50	9.00	17.00	.....	.....	2.0	1.0	.....	.....
Analysis.....	39.17	6.04	11.86	17.89	11.33	13.71	2.4	1.3	.....	.....
<b>Peyton Packing Company, El Paso, Texas.</b>										
Peyton's 23% Protein Raw Bone Meal.....	23.00	2.50	2.00	0.00	.....	.....	21.4	10.9	.....	.....
Analysis.....	25.76	5.29	.51	3.38	4.99	60.07	22.9	10.7	.....	.....
Analysis.....	25.30	5.27	.64	3.87	5.03	59.89	23.0	10.7	.....	.....
Analysis.....	24.73	4.97	.74	3.89	5.85	59.82	22.9	10.8	.....	.....
<b>Pincoffs Company, Maurice, Houston, Texas.</b>										
Special Steamed Bone Meal.....	5.00	0.30	2.00	0.00	.....	.....	30.0	14.0	.....	.....
Analysis.....	5.81	.11	1.89	4.62	4.06	83.51	30.5	13.9	.....	.....
<b>Salt Supply Co., The, Carlsbad, New Mexico.</b>										
S—W Brand Mineral Mix.....	.....	.....	.....	.....	.....	.....	16.0	2.0	.....	43.0
Analysis.....	.....	.....	.....	.....	.....	.....	16.7	2.5	.....	48.0
<b>Sweetwater Cotton Oil Company, Sweetwater, Texas.</b>										
Midland Special Mineral Feed.....	.....	.....	.....	.....	.....	.....	14.5	2.5	.....	45.0
Analysis.....	.....	.....	.....	.....	.....	.....	15.8	1.8	.....	49.8
<b>Swift &amp; Company, Chicago, Illinois, and Branches.</b>										
Swift's 25% Protein Feeding Raw Bone Meal.....	25.00	0.60	3.00	0.00	.....	.....	19.3	10.0	.....	.....
Analysis.....	27.85	7.61	2.77	1.39	7.47	52.91	20.2	9.5	.....	.....
Analysis.....	26.00	7.56	.95	3.25	7.84	54.40	20.7	9.6	.....	.....
Analysis.....	27.76	7.93	2.25	.71	8.04	53.31	20.3	9.5	.....	.....
Analysis.....	25.30	.7	.79	4.12	8.1	54.13	20.7	9.6	.....	.....
Analysis.....	27.41	6.33	2.77	2.45	7.70	53.34	20.1	9.4	.....	.....

Analysis.....	27.26	7.09	2.80	1.14	8.32	53.39	20.7	9.6		
Analysis.....	26.41	6.68	2.70	1.14	8.32	54.49	20.7	9.6		
Analysis.....	25.38	6.60	2.00	3.75	9.79	54.48	20.9	9.6		
Analysis.....	26.39	5.63	2.31	2.89	8.04	54.74	21.5	9.9		
Swift's Mineral Supplement.....							25.0	4.5	0.003	20.0
Analysis.....							25.5	4.4		22.3
Analysis <sup>17</sup> .....							27.1	4.2		18.3
<b>Texas Stockmen's Supply Company,</b>										
<b>San Angelo, Texas.</b>										
Mineral Mixture.....							10.0	1.3	0.005	50.0
Analysis.....							13.7	2.2		44.2
<b>Tidwell Fuel &amp; Feed Company,</b>										
<b>El Paso, Texas.</b>										
23% Protein Raw Bone Meal.....	23.00	2.50	2.00	0.00			21.4	10.9		
Analysis <sup>18</sup> .....	6.80	.12	1.68	5.00	5.58	80.82	29.7	13.5		
<b>Transit Grain &amp; Commission Company,</b>										
<b>Fort Worth, Texas.</b>										
Vit-A-Way Brand Mineral Fortifier.....							25.0	5.4	0.038	
Analysis.....							25.8	5.3		
Analysis.....							25.0	5.2		
Analysis.....							26.4	5.8		
Analysis.....							27.2	5.8		
Analysis.....							25.8	5.4		
Analysis.....							27.5	6.6		
Analysis.....							27.5	5.9		
<b>Uncle Johnny Mills,</b>										
<b>Houston, Texas.</b>										
Uncle Johnny's Mineral for Stock.....	14.00						22.0	5.4	0.114	
Analysis <sup>19</sup> .....	2.13						23.6	6.5		
<b>Universal Mills,</b>										
<b>Fort Worth, Texas.</b>										
Red Chain Mineral for Stock.....							24.0	6.5	0.0096	
Analysis <sup>20</sup> .....							25.4	6.6		1.3

<sup>16</sup>Salt added, not declared.<sup>17</sup>Tags not printed according to registration.<sup>18</sup>This sample represented a shipment of special steamed bone meal that was misbranded.<sup>19</sup>Steamed bone meal claimed, not found.<sup>20</sup>Salt added, not declared.

Table 12. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1943, to August 31, 1944

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>Alamo Cotton Oil Mill,</b> San Antonio, Texas. Cotton Bloom Brand 43% Protein Cottonseed Meal.	41.50	42.97	42.24	2
<b>Alice Cotton Oil Company,</b> Alice, Texas. 28% Protein Whole-Pressed Cottonseed..... 43% Protein Cottonseed Meal.....			29.37 43.78	1 1
<b>Big Spring Cotton Oil Company,</b> Big Spring, Texas. 43% Protein Cottonseed Meal.....			40.82	1
<b>Brazos Valley Cotton Oil Company,</b> Waco, Texas. Longhorn Brand 43% Protein Cottonseed Cake..... Longhorn Brand 43% Protein Cottonseed Meal..... Longhorn Brand 43% Protein Cottonseed Pellets.....	41.40 37.99 39.86	44.00 44.41 42.16	42.42 42.03 41.05	3 7 3
<b>Brenham Cotton Oil &amp; Manufacturing Company,</b> Brenham, Texas. 43% Protein Sheep-Size Cottonseed Cake..... 43% Protein Cottonseed Meal..... 41% Protein Cottonseed Meal.....			41.73 42.58 41.61	1 4 1
<b>Bryan Cotton Oil &amp; Fertilizer Company,</b> Bryan, Texas. 43% Protein Cottonseed Meal.....			41.47	
<b>Caddo-DeSota Cotton Oil Company, Inc.,</b> Shreveport, Louisiana. 41.12% Protein Ground Cottonseed Feed.....	40.76	40.89	40.83	2
<b>Cameron Cotton Oil Company,</b> Cameron, Texas. 43% Protein Cottonseed Meal.....	42.53	44.06	43.39	4
<b>Cen-Tex Cooperative Oil Mill,</b> Thorndale, Texas. Cen-Tex 43% Protein Cottonseed Cake..... Cen-Tex 43% Protein Cottonseed Meal.....	40.34 38.64	43.75 43.06	41.68 41.56	4 6
<b>Chickasha Cotton Oil Company,</b> Chickasha, Oklahoma. Chickasha Quality Brand 43% Protein Cottonseed Cake..... Chickasha Quality Brand 43% Protein Cottonseed Meal.....	41.35 40.56	42.94 42.48	42.10 41.48	4 6
<b>Childress Cotton Oil Mill, Inc.,</b> Childress, Texas. 43% Protein Cottonseed Meal.....	39.76	42.65	41.25	3
<b>Chillicothe Cotton Oil Company,</b> Chillicothe, Texas. 43% Protein Cracked Cottonseed Cake..... 43% Protein Cottonseed Meal..... 41% Protein Cottonseed Meal.....			41.35 44.09 40.45	1 1 1
<b>Clarksville Cotton Oil Company,</b> Clarksville, Texas. Clarko 43% Protein Cottonseed Cake..... Clarko 43% Protein Cottonseed Meal.....	41.40 43.00	44.17 43.74	42.79 43.37	2 2
<b>Coleman Cotton Oil Mill,</b> Coleman, Texas. 43% Protein Cottonseed Meal.....			41.76	1
<b>Collin County Cotton Oil Company,</b> McKinney, Texas. 43% Protein Cottonseed Meal.....	42.52	43.22	43.31	4

Table 12. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1943, to August 31, 1944—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>Commerce Oil Mill Company,</b> Commerce, Texas. 43% Protein Cottonseed Meal.....	42.76	43.13	42.97	3
<b>Cooper Cotton Oil Company,</b> Cooper, Texas. 43% Protein Cottonseed Meal.....	42.64	44.48	43.38	4
<b>Corpus Christi Cotton Oil Mill,</b> Corpus Christi, Texas. 41% Protein Cottonseed Meal.....			42.25	1
<b>Coryell County Cotton Oil Company,</b> Gatesville, Texas. 43% Protein Cottonseed Cake.....	40.61	43.66	42.14	2
43% Protein Cottonseed Meal.....			44.43	1
<b>Crockett Cotton Oil Company,</b> Crockett, Texas. 43% Protein Cracked Cottonseed Cake.....			44.76	1
43% Protein Cottonseed Meal.....	41.17	42.99	41.99	4
<b>Cuero Cotton Oil &amp; Manufacturing Company,</b> Cuero, Texas. 43% Protein Cottonseed Meal.....	43.84	46.51	45.05	5
<b>East Texas Cotton Oil Company,</b> Kaufman, Texas. 43% Protein Cottonseed Meal.....			43.30	1
<b>East Texas Cotton Oil Company,</b> Palestine, Texas. 43% Protein Cottonseed Meal.....			42.49	1
<b>East Texas Cotton Oil Company,</b> Terrell, Texas. 43% Protein Cottonseed Meal.....	41.06	45.50	43.07	4
<b>Elgin Cotton Oil Company,</b> Elgin, Texas. 43% Protein Cottonseed Meal.....	40.55	40.82	40.72	3
41% Protein Cottonseed Meal.....	39.30	42.02	40.66	2
<b>El Paso Cotton Industries, Inc.,</b> El Paso, Texas. Paymaster Brand 43% Protein Cottonseed Meal....	40.77	45.69	42.60	3
Paymaster Brand 43% Protein Cottonseed Pellets...	41.25	41.30	41.28	2
<b>Evangeline Cotton Oil Company,</b> Ville Platte, Louisiana. 28% Protein Whole-Pressed Cottonseed.....			28.50	1
<b>Farmers Cooperative Oil Mill,</b> El Paso, Texas. 43% Protein Cottonseed Meal.....	39.60	44.07	42.22	4
<b>Farmers Cotton Oil Company,</b> Farmersville, Texas. 43% Protein Cottonseed Meal.....	40.54	42.20	41.32	5
<b>Farmers Cotton Oil Company,</b> Texarkana, Texas. 41% Protein Cottonseed Meal.....	40.75	41.96	41.36	2
<b>Farmers Cotton Oil Company,</b> Winnsboro, Texas. 41% Protein Cottonseed Meal.....	39.83	41.95	41.14	5
<b>Farmers Cottonseed Oil Mills,</b> Granger, Texas. 43% Protein Cottonseed Meal.....	41.22	42.72	41.86	4



Table 12. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1943, to August 31, 1944—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>Farmers Gin &amp; Oil Mill,</b> Laredo, Texas.				
27% Protein Whole-Pressed Cottonseed.....			26.50	1
<b>Fidelity Products Mill,</b> Houston, Texas.				
41% Protein Cracked Cottonseed Cake.....			40.08	1
43% Protein Cottonseed Meal.....	39.00	40.90	39.85	7
41% Protein Cottonseed Meal.....			41.75	1
<b>Flatonia Oil Mill Company,</b> Flatonia, Texas.				
43% Protein Cottonseed Meal.....			42.20	1
<b>Fort Smith Cotton Oil Company,</b> Fort Smith, Arkansas.				
Old Fort Brand 41% Protein Cottonseed Meal.....			40.50	1
<b>Fort Worth Cotton Oil Mill,</b> Fort Worth, Texas.				
43% Protein Cottonseed Meal.....	40.74	44.60	42.62	3
43% Protein Cottonseed Pellets.....			41.56	1
<b>Gainesville Oil Mill,</b> Gainesville, Texas.				
Golden Rod Brand 43% Protein Pea-Size Cottonseed Cake.....			44.03	1
Golden Rod Brand 43% Protein Nut-Size Cottonseed Cake.....			41.87	1
41.12% Protein Ground Cottonseed Feed.....			42.02	1
Golden Rod Brand 43% Protein Cottonseed Meal.....			40.36	1
Golden Rod Brand 43% Protein Cottonseed Pellets.....			40.84	1
<b>Georgetown Oil Mill,</b> Georgetown, Texas.				
28% Protein Whole-Pressed Cottonseed Nuggets.....			29.44	1
<b>Gilmer Cotton Oil &amp; Fertilizer Company,</b> Gilmer, Texas.				
43% Protein Cottonseed Meal.....			41.55	1
41% Protein Cottonseed Meal.....	39.98	42.76	40.79	6
<b>Gonzales Cotton Oil &amp; Manufacturing Company,</b> Gonzales, Texas.				
41% Protein Cottonseed Meal.....			40.51	1
<b>Greenville Cotton Oil Company,</b> Greenville, Texas.				
Red Rooster Brand 43% Protein Cottonseed Meal..	41.90	43.44	42.60	7
<b>Harlingen Cotton Oil Mill,</b> Harlingen, Texas.				
41% Protein Cottonseed Meal.....	38.92	41.96	40.90	5
<b>Hill County Cotton Oil Company,</b> Hillsboro, Texas.				
43% Protein Cottonseed Cake.....			41.15	1
43% Protein Cottonseed Meal.....	41.14	43.51	42.41	5
<b>Honey Grove Cotton Oil Company, The,</b> Honey Grove, Texas.				
43% Protein Cottonseed Meal.....	41.91	42.38	42.15	2
<b>Houston Cotton Oil Mill,</b> Houston, Texas.				
Cotton Bloom Brand 43% Protein Cottonseed Meal..	40.00	43.67	41.96	6
<b>Jackson County Cotton Oil Company,</b> Ganado, Texas.				
Jaco 30% Protein Whole-Pressed Cottonseed.....			25.04	1
Jaco 28% Protein Whole-Pressed Cottonseed.....	26.44	28.64	27.79	3

Table 12. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1943, to August 31, 1944—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>Jayton Cotton Oil Mill,</b> Jayton, Texas.				
Chuck Wagon Brand 43% Protein Cottonseed Cake...	40.68	43.10	41.89	2
Chuck Wagon Brand 43% Protein Cottonseed Meal...	40.48	41.48	40.95	3
Chuck Wagon Brand 43% Protein Cottonseed Pellets	38.80	42.25	40.53	2
<b>Kenedy Cotton Oil Mill,</b> Kenedy, Texas.				
43% Protein Cottonseed Cake.....			46.36	1
43% Protein Cottonseed Meal.....	43.03	45.63	44.15	5
<b>Kimbell Oil Mill, The,</b> Sherman, Texas.				
43% Protein Cottonseed Cake.....			41.80	1
43% Protein Cottonseed Meal.....	41.91	42.54	42.17	3
<b>Lamar Cotton Oil Company, The,</b> Paris, Texas.				
43% Protein Cottonseed Meal.....	41.85	43.70	42.78	2
<b>Lamesa Cotton Oil Company,</b> Lamesa, Texas.				
43% Protein Cottonseed Meal.....			43.20	1
<b>Lavaca Oil Company,</b> Hallettsville, Texas.				
43% Protein Cracked Cottonseed Cake.....			42.60	1
<b>Longview Cotton Oil Company,</b> Longview, Texas.				
43% Protein Cottonseed Meal.....	41.90	42.12	42.01	2
<b>Lovitt &amp; Company, L. B.,</b> Memphis, Tennessee.				
"Lovit Brand" 41% Protein Cottonseed Meal.....			40.40	1
<b>Lubbock Cotton Oil Company,</b> Lubbock, Texas.				
Lucko Brand 43% Protein Cottonseed Cubes.....	41.09	43.75	42.28	3
Lucko Brand 43% Protein Cottonseed Meal.....	42.53	43.25	42.80	3
<b>Magness, B. P.,</b> Earle, Arkansas.				
43% Protein Cottonseed Meal.....	40.45	41.80	41.13	2
<b>Magnolia Provision Company,</b> Houston, Texas.				
Magnolia Brand 28% Protein Whole-Pressed Cotton- seed.....			28.50	1
43% Protein Cottonseed Meal.....	41.65	42.34	42.06	3
<b>Marlin Oil Company, The,</b> Marlin, Texas.				
43% Protein Cottonseed Meal.....	40.06	43.10	41.45	8
<b>Marshall Cotton Oil Company,</b> Marshall, Texas.				
43% Protein Cottonseed Meal.....	42.40	43.40	42.92	3
41% Protein Cottonseed Meal.....			41.99	1
<b>Mid-West Cooperative Oil Mill,</b> Hamlin, Texas.				
43% Protein Cottonseed Cake.....	41.15	43.70	42.11	6
<b>Moulton Oil &amp; Gin Company,</b> Moulton, Texas.				
43% Protein Cottonseed Meal.....			43.39	1
<b>Mount Enterprise Cotton Oil Mill,</b> Mount Enterprise, Texas.				
28% Protein Whole-Pressed Cottonseed.....			25.77	1

Table 12. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1943, to August 31, 1944—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>Mount Pleasant Oil Mill,</b> <b>Mount Pleasant, Texas.</b> 43% Protein Cottonseed Meal.....	42.57	43.08	42.79	3
<b>Munger Cotton Oil Company,</b> <b>Mexia, Texas.</b> 41% Protein Cottonseed Cake.....	40.91	42.29	41.74	3
43% Protein Cottonseed Meal.....			45.11	1
41% Protein Cottonseed Meal.....	39.87	41.82	40.85	2
<b>Ne-Tex Co-Operative Oil Mill,</b> <b>Wolfe City, Texas.</b> Ne-Tex Brand 43% Protein Cracked Cottonseed Cake.....			43.25	1
Ne-Tex Brand 43% Protein Cottonseed Meal.....	40.40	43.35	42.21	6
Netco 41% Protein Cottonseed Meal.....	39.85	41.00	40.33	3
<b>Oil Mill &amp; Fertilizer Works,</b> <b>Henderson, Texas.</b> 41% Protein Cottonseed Cake.....			42.40	1
41% Protein Cottonseed Meal.....	41.48	42.40	42.00	3
<b>Opelousas Oil Mill,</b> <b>Opelousas, Louisiana.</b> 41% Protein Cottonseed Meal.....	39.31	41.09	40.07	3
<b>Otis Gin &amp; Warehouse Company,</b> <b>Loving, New Mexico.</b> "Wano" Brand 43% Protein Cottonseed Cubes.....			42.39	1
43% Protein Cottonseed Meal.....			40.34	1
<b>Peoples Cotton Oil Company,</b> <b>Wharton, Texas.</b> 43% Protein Nut-Size Cottonseed Cake.....			41.77	1
43% Protein Cottonseed Meal.....	42.10	42.81	42.39	3
<b>Perkins Oil Company,</b> <b>Memphis, Tennessee.</b> Golden Rod Brand 41% Protein Cottonseed Meal.....			40.49	1
<b>Plains Cooperative Oil Mill,</b> <b>Lubbock, Texas.</b> 43% Protein Cottonseed Cake.....			42.88	1
43% Protein Cottonseed Meal.....	39.50	44.40	41.58	6
<b>Planters Cotton Oil Company,</b> <b>Dallas, Texas.</b> Golden Rod Brand 43% Protein Cottonseed Meal...	41.10	45.25	43.16	4
<b>Planters Cotton Oil Mill,</b> <b>Ennis, Texas.</b> 43% Protein Cottonseed Cake.....	43.02	44.49	43.74	3
43% Protein Cottonseed Meal.....			43.57	1
<b>Producers Cooperative Mill,</b> <b>Midlothian, Texas.</b> 43% Protein Cracked Cottonseed Cake.....			41.15	1
43% Protein Cottonseed Meal.....	40.65	42.82	41.51	3
<b>Quanah Cotton Oil Company,</b> <b>Quanah, Texas.</b> 43% Protein Cottonseed Meal.....			41.74	1
43% Protein Coarsely Ground Cottonseed Meal.....			41.40	1
43% Protein Cottonseed Pellets.....	40.20	41.97	41.14	5
<b>Richmond Cotton Oil Company, Inc.,</b> <b>Richmond, Texas.</b> 43% Protein Cottonseed Meal.....	39.25	41.95	40.60	2
<b>Rio Grande Valley Cotton Oil Company,</b> <b>Clint, Texas.</b> 43% Protein Cottonseed Cake.....			42.74	1
43% Protein Cottonseed Meal.....	39.20	42.05	41.06	3

**Table 12. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1943, to August 31, 1944—Continued**

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>San Antonio Oil Works,</b> San Antonio, Texas. 43% Protein Cottonseed Meal . . . . .	41.64	42.00	41.82	2
<b>San Marcos Oil Mill,</b> San Marcos, Texas. 43% Protein Cottonseed Meal . . . . .			44.80	1
<b>Schulenburg Oil Mill, The,</b> Schulenburg, Texas. 43% Protein Cottonseed Meal . . . . .	40.20	43.86	42.22	4
<b>Schumacher Oil Works, The H.,</b> Navasota, Texas. 43% Protein Cottonseed Meal . . . . .	41.02	44.69	42.86	2
<b>Sealy Oil Mill &amp; Manufacturing Company,</b> Sealy, Texas. 43% Protein Pea-Size Cottonseed Cake . . . . .			39.47	1
43% Protein Cottonseed Meal . . . . .	41.50	43.51	42.16	5
<b>Seguin Cotton Oil Company, The,</b> Seguin, Texas. 43% Protein Cottonseed Meal . . . . .	42.83	43.13	42.98	2
<b>Shiner Oil Mill &amp; Manufacturing Company,</b> Shiner, Texas. 43% Protein Cottonseed Meal . . . . .	44.25	46.71	45.32	3
<b>Southern Cotton Oil Company, The,</b> Eunice, Louisiana. 41% Protein Cottonseed Meal . . . . .			40.27	1
<b>Southern Cotton Oil Company, The,</b> Newport, Arkansas. Sococo Brand 41% Protein Cottonseed Meal . . . . .			41.26	1
<b>Southland Cotton Oil Company,</b> Corsicana, Texas. 43% Protein Screened Cracked Cottonseed Cake . . . . .	43.35	44.76	44.06	2
43% Protein Cottonseed Meal . . . . .	41.60	43.95	42.70	8
<b>Southland Cotton Oil Company,</b> Paris, Texas. Southland's 43% Protein Screened Cracked Cotton- seed Cake . . . . .			44.07	1
Southland's 43% Protein Cottonseed Meal . . . . .	41.32	42.26	41.84	4
<b>Southland Cotton Oil Company,</b> Shreveport, Louisiana. 41% Protein Cottonseed Meal . . . . .	38.58	42.29	40.82	7
<b>Southland Cotton Oil Company,</b> Temple, Texas. Southland's Circle-S 43% Protein Cottonseed Meal . . . . .	40.96	44.85	42.86	6
<b>Southland Cotton Oil Company,</b> Waxahachie, Texas. 43% Protein Cottonseed Cake . . . . .	44.20	45.55	44.88	2
43% Protein Cottonseed Meal . . . . .	41.07	44.45	42.49	14
43% Protein Cottonseed Pellets . . . . .			41.30	1
<b>South Texas Cotton Oil Company,</b> Austin, Texas. 41% Protein Cottonseed Cake . . . . .	40.21	41.15	40.68	2
41% Protein Cottonseed Meal . . . . .	39.55	41.64	40.90	3
<b>South Texas Cotton Oil Company,</b> Brownsville, Texas. 28% Protein Ground Whole-Pressed Cottonseed . . . . .	28.03	28.14	28.09	2

Table 12. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products. September 1, 1943, to August 31, 1944—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>South Texas Cotton Oil Company,</b> Corpus Christi, Texas.				
41% Protein Cottonseed Cake.....			41.37	1
41% Protein Cottonseed Meal.....	40.71	41.85	41.19	3
41% Protein Cottonseed Pellets.....	39.95	41.19	40.57	2
<b>South Texas Cotton Oil Company,</b> Harlingen, Texas.				
41% Protein Cottonseed Cake.....	38.98	40.30	39.75	3
41% Protein Cottonseed Meal.....	38.80	42.64	40.51	8
28% Protein Ground Whole-Pressed Cottonseed.....			27.44	1
<b>South Texas Cotton Oil Company,</b> Hearne, Texas.				
41% Protein Cracked Cottonseed Cake.....	40.50	41.50	41.11	4
41% Protein Cottonseed Meal.....	39.94	42.19	41.02	6
<b>South Texas Cotton Oil Company,</b> Robstown, Texas.				
41% Protein Cottonseed Meal.....	39.95	42.00	40.99	4
<b>South Texas Cotton Oil Company,</b> Taylor, Texas.				
41% Protein Cottonseed Meal.....	39.05	42.27	41.01	3
41% Protein Cottonseed Pellets.....	41.13	41.16	41.15	2
<b>South Texas Cotton Oil Company,</b> Victoria, Texas.				
Yello Brand 41% Protein Cottonseed Meal.....	39.31	41.00	40.16	2
Yello Brand 41% Protein Cottonseed Pellets.....			40.41	1
<b>Stamford Cotton Oil Mill,</b> Stamford, Texas.				
Chuck Wagon Brand 43% Protein Cottonseed Cake.....			43.25	1
Chuck Wagon Brand 43% Protein Cottonseed Meal.....			41.23	1
Chuck Wagon Brand 43% Protein Cottonseed Pellets.....	40.98	42.80	41.89	2
<b>Sulphur Springs Cotton Oil Company,</b> Sulphur Springs, Texas.				
43% Protein Cottonseed Meal.....	40.87	42.64	41.76	2
<b>Sweetwater Cotton Oil Company,</b> Sweetwater, Texas.				
43% Protein Cottonseed Cubes.....			44.01	1
43% Protein Cottonseed Meal.....	42.35	44.03	43.16	3
<b>Swift &amp; Company, (Oil Mill),</b> Little Rock, Arkansas.				
Cotton Bloom Brand 41% Protein Cottonseed Meal.....			40.48	1
<b>Taft Cotton Oil Company,</b> Taft, Texas.				
41% Protein Cottonseed Cake.....	40.75	41.13	40.94	2
41% Protein Cottonseed Meal.....	40.70	41.65	41.09	4
<b>Tallulah Oil Mill &amp; Gin,</b> Tallulah, Louisiana.				
41% Protein Cottonseed Meal.....			40.54	1
<b>Texarkana Cotton Oil Corporation,</b> Texarkana, Arkansas-Texas.				
41.12% Protein Cracked Cottonseed Feed.....			40.90	1
41.12% Protein Ground Cottonseed Feed.....	39.70	42.23	41.16	11
41% Protein Cottonseed Meal.....			40.99	1
<b>Texas Cotton Industries,</b> Marfa, Texas.				
28% Protein Whole-Pressed Cottonseed.....	28.52	28.71	28.62	2
28% Protein Whole-Pressed Cottonseed Pellets.....			28.92	1



**Table 12. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1943, to August 31, 1944—Continued**

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>Tobian &amp; Company, Louis, Dallas, Texas.</b>				
41% Protein Cottonseed Meal.....	40.54	42.28	41.21	4
<b>Tornillo Cotton Oil Company, Tornillo, Texas.</b>				
28% Protein Whole-Pressed Cottonseed.....	28.00	29.21	28.67	3
28% Protein Whole-Pressed Cottonseed Cubes.....	28.58	29.20	28.91	3
<b>Traders Oil Mill Company, Fort Worth, Texas.</b>				
Traders' 43% Protein Cottonseed Meal.....	41.19	44.86	43.03	7
Traders' 41% Protein Cottonseed Meal.....			42.33	1
Traders' 43% Protein Cottonseed Pellets.....	42.44	43.42	43.00	3
<b>Trinity Cotton Oil Company, Dallas, Texas.</b>				
43% Protein Cottonseed Meal.....	42.50	44.44	43.47	2
<b>Union Oil Mills, Hubbard, Texas.</b>				
43% Protein Cottonseed Meal.....	42.02	42.90	42.74	5
<b>Union Oil Mill, Inc., The, West Monroe, Louisiana.</b>				
41.12% Protein Ground Cottonseed Feed.....			40.26	1
41% Protein Cottonseed Meal.....			41.81	1
<b>Van Alstyne Cotton Oil Company, Van Alstyne, Texas.</b>				
43% Protein Cottonseed Meal.....	41.80	44.84	43.08	6
<b>Vernon Cotton Oil Company, Vernon, Texas.</b>				
43% Protein Cottonseed Meal.....			43.30	1
<b>Waco Cotton Oil Mill, Waco, Texas.</b>				
Cotton Bloom Brand 43% Protein Cottonseed Cake.....	40.77	44.61	42.98	4
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	39.80	44.04	42.74	7
<b>Weimar Oil Mill, Inc., Weimar, Texas.</b>				
43% Protein Cottonseed Meal.....	42.07	42.65	42.30	2
<b>West Texas Cottonoil Co., Abilene, Texas.</b>				
Paymaster Brand 43% Protein Cottonseed Meal....	41.68	43.94	42.88	5
Paymaster Brand 41% Protein Cottonseed Meal....	38.20	40.21	39.21	2
Paymaster Brand 43% Protein Cottonseed Pellets....	40.40	41.16	40.78	2
<b>West Texas Cottonoil Co., Brownfield, Texas.</b>				
Paymaster Brand 43% Protein Cottonseed Meal.....			42.20	1
Paymaster Brand 43% Protein Cottonseed Pellets.....			41.95	1
<b>West Texas Cottonoil Co., Littlefield, Texas.</b>				
Paymaster Brand 43% Protein Cottonseed Meal....	39.92	44.05	42.62	5
<b>West Texas Cottonoil Co., Munday, Texas.</b>				
Paymaster Brand 43% Protein Cottonseed Cake.....			42.39	1
<b>West Texas Cottonoil Co., Plainview, Texas.</b>				
Paymaster Brand 43% Protein Cottonseed Cubes....	38.95	40.06	39.51	2
Paymaster Brand 43% Protein Cottonseed Meal.....	40.01	42.97	41.89	4

Table 12. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1943, to August 31, 1944—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>West Texas Cottonoil Co., San Angelo, Texas.</b> Paymaster Brand 41% Protein Cottonseed Meal.....			39.00	1
<b>West Texas Cottonoil Co., Shamrock, Texas.</b> Paymaster Brand 43% Protein Cottonseed Meal.....			40.37	1
Paymaster Brand 43% Protein Cottonseed Pellets...	38.39	41.60	40.00	2
<b>West Texas Cottonoil Co., Slaton, Texas.</b> Paymaster Brand 43% Protein Cottonseed Meal....	41.71	44.68	42.79	3
Paymaster Brand 43% Protein Cottonseed Pellets...	40.70	42.24	41.47	2
<b>Wheeler Cotton Oil Company, Inc., Wheeler, Texas.</b> 28% Protein Ground Whole-Pressed Cottonseed.....			30.16	1
28% Protein Whole-Pressed Cottonseed Pellets.....	27.44	28.79	28.12	2
<b>Wingo Oil Mill, Wills Point, Texas.</b> 43% Protein Cottonseed Meal.....	41.05	42.73	41.89	2
<b>Womble Oil Mill Company, Caldwell, Texas.</b> 43% Protein Pea-Size Cottonseed Cake.....			43.81	1
43% Protein Sheep-Size Cottonseed Cake.....			44.48	1
43% Protein Cottonseed Meal.....	40.06	43.46	42.02	6
<b>Yorktown Cotton Oil &amp; Manufacturing Company, Yorktown, Texas.</b> 43% Protein Cottonseed Meal.....	43.21	44.18	43.68	3

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944

(The guaranties are printed in italics following brand names.)

Legend: The italic super-letters in this table indicate the following: *a*, Not tagged, but tags furnished. Amount in stock removed from sale until tagged; *b*, Amount in stock removed from sale and relabeled; *c*, Refund paid; *d*, Sampled before registration; *e*, Registration adjusted; *f*, Amount in stock returned to seller; *g*, Not registered; *h*, Amount in stock removed from sale; *i*, Not tagged; *j*, Obsolete tags attached; *k*, Tags not printed according to registration.

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Acme Flour Mills Company, The,</b> <b>Oklahoma City, Oklahoma.</b>						
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00	.....	.....
Analysis.....	18.20	3.96	4.86	58.51	10.74	3.73
Analysis.....	18.41	4.13	5.60	57.18	10.52	4.16
Analysis <sup>e</sup> .....	17.55	3.87	6.73	55.76	10.94	5.15
Wheat Gray Shorts and Screenings.....	16.00	4.00	6.00	58.00	.....	.....
Analysis <sup>1</sup> .....	16.50	3.97	5.40	59.26	10.97	3.90
Wheat Bran.....	15.00	3.00	10.00	50.00	.....	.....
Analysis.....	16.76	4.37	8.90	52.91	10.77	6.29
<b>Ada Milling Company,</b> <b>Ada, Oklahoma.</b>						
Evergreen Brand Egg Mash.....	18.00	3.50	8.00	48.00	.....	.....
Analysis <sup>2</sup> .....	18.70	4.02	7.43	51.25	12.12	6.48
Rich-Milk Brand Dairy Feed.....	20.00	3.00	13.50	44.00	.....	.....
Analysis.....	22.67	4.28	10.37	45.81	10.77	6.10
Good-Milk Brand Dairy Feed.....	16.00	3.00	15.00	46.00	.....	.....
Analysis <sup>3</sup> .....	15.97	5.40	8.89	53.63	12.65	3.46
Evergreen Brand Laying Mash Pellets.....	18.00	3.50	8.00	48.00	.....	.....
Analysis <sup>4</sup> .....	17.10	3.54	6.38	56.72	11.11	5.15
<b>Adolphus Rice Milling Company,</b> <b>Houston, Texas.</b>						
Rice Bran containing Precipitated Carbonate of Lime.....	11.00	10.00	15.00	42.00	.....	.....
Analysis.....	11.15	10.14	16.35	37.12	10.38	14.86
Analysis <sup>5</sup> .....	11.03	15.63	14.44	32.82	9.80	16.28
<b>Alameda Fuel &amp; Grain Company,</b> <b>El Paso, Texas.</b>						
Alameda "Keeno" Dairy Feed.....	16.60	3.80	10.00	52.00	.....	.....
Analysis <sup>6</sup> .....	20.05	3.57	8.82	53.69	7.76	6.11
Alameda "Keeno" Mash.....	15.50	4.00	7.00	55.00	.....	.....
Analysis.....	20.17	5.08	5.88	51.57	8.37	8.93
<b>Alamo Cotton Oil Mill,</b> <b>San Antonio, Texas.</b>						
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	41.50	7.96	11.34	26.90	7.18	5.12
Analysis.....	42.97	7.46	10.61	25.83	7.61	5.52
Cotton Bloom Brand Laying Mash.....	21.00	4.00	6.50	47.00	.....	.....
Analysis.....	22.00	4.43	4.68	49.90	10.60	8.39
Cotton Bloom Brand 41% Protein Supplement for Hogs.....	41.00	5.00	12.30	20.00	.....	.....
Analysis <sup>7</sup> .....	40.55	6.36	6.74	23.78	9.13	13.44
Cotton Bloom Brand Growing Mash.....	18.00	4.00	6.00	50.50	.....	.....
Analysis <sup>2</sup> .....	20.06	3.94	5.23	53.25	10.55	6.97
Cotton Bloom Brand 20% Protein Range Feed Pellets.....	20.00	3.80	11.60	43.00	.....	.....
Analysis <sup>4,2</sup> .....	19.84	3.46	15.58	44.32	10.39	6.41

*a, b, c, d, e, f, g, h, i, j, k.* —See legend at the beginning of this table.

<sup>1</sup>Incorrectly printed tags attached.

<sup>2</sup>Deficient in ground oyster shell and salt.

<sup>3</sup>Incorrectly printed tags attached. Deficient in ground limestone and salt.

<sup>4</sup>Not in pellet form.

<sup>5</sup>Excess of precipitated carbonate of lime. Excess of ash.

<sup>6</sup>Rolled whole barley found, not claimed.

<sup>7</sup>Deficient in salt. Limestone found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Alamo Cotton Oil Mill,</b> <b>San Antonio, Texas—Continued.</b>						
Cotton Bloom Brand 20% Protein Range Pellets	20.00	3.50	12.50	39.00		
Analysis <sup>a8</sup>	21.69	3.73	10.57	47.26	7.27	9.48
41% Protein Soybean Oil Meal	41.00	4.70	6.00	29.00		
Analysis	42.55	7.45	6.00	30.24	8.30	5.46
Cotton Bloom Brand 20% Protein Range Feed Cubes	20.00	3.80	11.60	43.00		
Analysis <sup>7</sup>	21.00	5.08	10.03	46.15	9.44	8.30
Analysis <sup>7b</sup>	20.60	4.00	8.26	50.31	9.53	7.30
Cotton Bloom Brand 16% Protein Range Pellets	16.00	3.60	12.60	47.50		
Analysis <sup>a</sup>	17.41	4.10	12.22	51.05	10.41	4.81
<b>Albers Milling Company,</b> <b>Seattle, Washington.</b>						
Proven Brand Calf Manna Meal	25.00	4.00	5.00	48.00		
Analysis <sup>9</sup>	25.47	4.24	4.48	50.05	8.21	7.55
Proven Brand Calf Manna Pellets	25.00	4.00	5.00	48.00		
Analysis <sup>a</sup>	24.22	4.00	4.41	49.36	10.78	7.23
Analysis <sup>a</sup>	24.95	4.33	4.05	50.07	8.41	8.19
<b>Alice Cotton Oil Company,</b> <b>Alice, Texas.</b>						
28% Protein Whole-Pressed Cottonseed	28.00	5.00	25.00	29.00		
Analysis	29.37	5.15	23.27	34.16	3.36	4.69
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00		
Analysis	43.78	7.01	10.42	26.75	6.98	5.06
<b>Alva Roller Mills,</b> <b>Alva, Oklahoma.</b>						
Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00		
Analysis	18.59	4.11	5.69	56.39	10.46	4.76
Analysis	18.10	4.07	6.08	55.79	11.67	4.29
Analysis	19.17	4.03	5.92	53.89	12.88	4.11
Analysis	18.31	4.33	5.83	54.49	12.65	4.39
Analysis	18.54	4.33	5.60	56.66	10.51	4.36
Wheat Mixed Feed and Screenings	16.00	3.50	8.50	52.00		
Analysis	16.71	2.55	7.88	56.32	10.53	6.01
Wheat Bran and Screenings	14.50	3.00	10.00	50.00		
Analysis	16.70	3.69	10.10	53.41	9.52	6.58
Analysis	16.67	3.89	8.43	52.43	12.79	5.79
Analysis	17.85	4.13	9.89	52.41	8.65	7.07
<b>Amarillo Cotton Oil Company,</b> <b>Amarillo, Texas.</b>						
41% Protein Soybean Oil Meal	41.00	4.50	7.00	29.00		
Analysis	43.36	6.19	5.49	32.50	6.89	5.57
Analysis	43.02	6.06	6.35	31.26	7.61	5.70
<b>Anchor Mills Company,</b> <b>Waco, Texas.</b>						
O. K. Brand Egg Mash	18.00	3.50	7.00	48.00		
Analysis <sup>10</sup>	18.80	3.65	6.64	54.32	8.71	7.88
Waco Brand Sweet Feed	10.00	2.00	27.50	42.00		
Analysis <sup>a</sup>	10.35	1.92	16.02	50.79	12.32	8.60
Analysis <sup>11</sup>	13.03	2.15	15.88	49.51	10.45	8.98
Waco Brand Laying Mash	18.00	3.50	6.00	51.00		
Analysis	16.89	3.41	5.53	57.64	9.52	7.01
Analysis <sup>12</sup>	18.45	3.50	5.74	54.45	10.98	6.88

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>8</sup>Cottonseed meal claimed, not found.<sup>9</sup>In pellet form.<sup>10</sup>Incorrectly printed tags attached. Excess of salt.<sup>11</sup>Ground wheat and soybean oil meal found, not claimed.<sup>12</sup>Deficient in ground limestone with excess of salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Anderson Feed Mill,</b> <b>Stephenville, Texas.</b>						
Chick Starter.....	14.50	3.60	5.00	57.00	.....	.....
Analysis.....	15.30	4.07	3.50	59.97	10.36	6.80
Cow Feed.....	17.00	3.60	12.50	49.00	.....	.....
Analysis <sup>13</sup> .....	16.55	5.20	15.34	46.94	10.34	5.63
<b>Anderson Grain Company,</b> <b>Nacogdoches, Texas.</b>						
Anderson's Special Hog Feed.....	14.50	4.40	8.00	54.00	.....	.....
Analysis <sup>14</sup> .....	19.00	2.88	8.18	55.38	10.93	3.63
Anderson's Special Dairy Feed.....	18.00	3.50	13.00	46.00	.....	.....
Analysis.....	16.81	3.65	12.76	47.38	10.73	8.67
Anderson's Special Laying Mash.....	19.00	3.60	7.50	50.00	.....	.....
Analysis <sup>15</sup> .....	20.61	3.36	8.94	50.52	10.43	6.14
<b>Andy's Feed Store,</b> <b>Pilot Point, Texas.</b>						
Andy's Dairy Feed.....	16.00	3.00	10.30	52.00	.....	.....
Analysis.....	17.54	3.15	8.03	57.31	8.98	4.99
Andy's Hog Feed.....	14.00	3.00	5.50	60.00	.....	.....
Analysis.....	15.17	2.77	3.74	64.55	10.50	3.27
Andy's Egg Mash.....	18.50	3.50	6.00	49.00	.....	.....
Analysis.....	19.40	4.10	2.83	54.60	9.16	9.91
<b>Angelo Feed &amp; Grain Company,</b> <b>San Angelo, Texas.</b>						
Chowmix Laying Mash.....	18.00	3.50	8.00	48.00	.....	.....
Analysis.....	19.02	4.00	6.21	54.30	9.23	7.24
Chowmix 18% Protein Dairy Feed E.....	18.00	3.50	14.00	46.00	.....	.....
Analysis.....	21.00	3.84	10.19	48.91	8.74	7.32
Angelo Dairy Feed.....	19.00	3.60	11.00	45.00	.....	.....
Analysis <sup>15</sup> .....	17.45	3.21	9.09	53.61	10.98	5.66
Analysis <sup>16</sup> .....	18.28	3.25	8.73	52.68	9.35	7.71
<b>Archer-Daniels-Midland Company,</b> <b>Minneapolis, Minnesota, and Branches.</b>						
Archer Brand 44% Protein Soybean Oil Meal Pellets.....	44.00	0.50	7.00	29.00	.....	.....
Analysis <sup>e</sup> .....	42.75	.84	6.07	32.21	12.64	5.49
11% Protein Ground Soybean Mill Feed.....	11.00	1.00	35.00	38.00	.....	.....
Analysis.....	11.49	2.56	34.14	38.94	8.68	4.19
Archer Brand 34% Protein Old Process Oil Meal.....	34.00	3.50	9.00	33.00	.....	.....
Analysis.....	34.99	6.08	7.93	35.32	9.21	6.47
Analysis.....	36.12	5.16	8.28	35.64	8.42	6.38
ADM Flax Plant By-Product.....	5.00	1.50	50.00	30.00	.....	.....
Analysis <sup>d a</sup> .....	6.70	2.47	43.68	30.98	10.17	6.00
<b>Archer Grain Company, Inc.,</b> <b>Houston, Texas.</b>						
Hog Feed.....	15.60	4.20	7.90	52.20	.....	.....
Analysis <sup>17</sup> .....	18.44	3.31	5.37	58.87	9.54	4.47
Archer's XXX Egg Mash.....	20.00	3.50	6.50	47.00	.....	.....
Analysis.....	20.01	4.36	4.08	52.81	10.84	7.90
XXX Dairy Feed.....	18.00	4.50	14.50	43.40	.....	.....
Analysis.....	15.50	3.60	9.76	54.51	11.10	5.53
Analysis <sup>18</sup> .....	14.85	3.88	8.23	58.63	11.00	3.41

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>13</sup>Soybean oil meal found, not claimed.<sup>14</sup>Peanut meal found, not claimed.<sup>15</sup>Deficient in ground limestone with excess of salt.<sup>16</sup>Alfalfa meal found, not claimed.<sup>17</sup>Cottonseed meal found, not claimed. Fish meal claimed, not found.<sup>18</sup>Deficient in ground oyster shell and salt.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Archer Grain Company, Inc.,</b> <b>Houston, Texas—Continued.</b>						
Dry and Freshening Cow Feed.....	15.40	3.00	12.00	47.40	.....	.....
Analysis <sup>19</sup> .....	12.86	3.22	9.13	53.42	12.58	8.79
Special Horse and Mule Feed.....	10.60	3.50	9.50	59.00	.....	.....
Analysis <sup>20</sup> .....	11.09	3.54	8.02	59.70	13.79	3.86
Archer's XXX Master Brand Chicken Fatner.....	14.50	4.00	5.80	56.00	.....	.....
Analysis.....	15.68	4.44	4.86	60.01	12.15	2.86
Archer's XXX Starter Mash.....	19.00	3.70	5.50	49.00	.....	.....
Analysis <sup>21</sup> .....	19.39	3.74	4.25	53.65	11.15	7.82
Man-Q Horse Feed.....	10.00	3.00	12.00	56.00	.....	.....
Analysis.....	13.49	3.73	7.83	57.87	11.93	5.15
<b>Arkansas City Flour Mills Company, The,</b> <b>Arkansas City, Kansas.</b>						
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00	.....	.....
Analysis.....	17.35	4.02	5.76	55.07	12.85	4.95
Analysis.....	17.35	3.74	5.85	57.46	11.16	4.44
Ark Brand 20% Protein Dairy Feed.....	20.00	3.20	14.50	44.00	.....	.....
Analysis <sup>22</sup> .....	19.40	3.23	11.65	47.44	10.65	7.63
Ark Brand 18% Protein Dairy Feed.....	18.00	3.00	15.00	45.00	.....	.....
Analysis.....	19.10	3.70	12.69	46.23	10.80	7.48
<b>Arlington Grain Company,</b> <b>Arlington, Texas.</b>						
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....
Analysis.....	8.00	3.03	10.26	65.07	11.94	1.70
<b>Armour and Company,</b> <b>Chicago, Illinois, and Branches.</b>						
Armour's 60% Protein Liver Meal.....	60.00	6.00	3.00	0.00	.....	.....
Analysis.....	65.19	16.79	.61	2.47	7.29	7.65
Armour's 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....
Analysis.....	49.24	10.78	1.71	1.82	5.94	30.51
Analysis.....	51.30	10.10	2.39	.04	7.24	28.93
Analysis.....	49.51	11.58	1.80	.80	7.94	28.37
Analysis.....	51.07	11.15	2.00	.00	7.59	28.19
Analysis.....	51.33	10.92	1.52	1.36	7.04	27.83
Analysis.....	49.85	11.26	1.73	2.50	6.04	28.62
Armour's 55% Protein Meat Scraps.....	55.00	6.00	3.00	0.00	.....	.....
Analysis.....	51.55	11.02	1.50	.01	8.14	27.78
Analysis.....	55.80	10.60	.94	.08	7.21	25.37
<b>Athens Oil Mill,</b> <b>Athens, Texas.</b>						
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00	.....	.....
Analysis.....	43.21	6.47	5.70	30.41	7.98	6.23
Analysis.....	42.76	6.67	5.98	30.55	8.22	5.82
<b>Atlanta Flour and Feed Company,</b> <b>Atlanta, Texas.</b>						
Newkirk's 24% Protein Dairy Feed.....	24.00	3.70	11.00	44.00	.....	.....
Analysis.....	24.90	4.28	9.59	45.91	8.39	6.93
Analysis <sup>23</sup> .....	23.55	4.23	8.58	44.91	11.43	7.30
Newkirk's 18% Protein Dairy Feed.....	18.00	3.50	8.00	45.20	.....	.....
Analysis.....	20.14	4.07	8.76	51.19	9.18	6.66
Analysis <sup>24</sup> .....	21.80	3.84	8.66	49.15	10.12	6.43
Analysis.....	22.47	4.15	8.48	48.11	9.38	7.41
Analysis <sup>23</sup> .....	21.28	4.44	8.62	48.32	10.09	7.25

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>19</sup>Dried citrus pulp found, not claimed. Excess of ground oyster shell and salt.<sup>20</sup>Deficient in ground oyster shell.<sup>21</sup>Excess of ground oyster shell and salt.<sup>22</sup>Deficient in ground limestone.<sup>23</sup>Deficient in ground limestone.<sup>24</sup>Deficient in ground limestone and salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Ayers &amp; Son, Ray C., Slaton, Texas.</b>						
Ayers Supreme Brand Chick Starter.....	18.00	3.50	6.00	53.00	.....	.....
Analysis.....	18.80	4.05	5.29	53.95	9.01	8.90
Ayers Supreme Brand Sweet Feed.....	11.50	1.90	30.50	37.20	.....	.....
Analysis <sup>25</sup> .....	12.40	2.36	26.28	40.04	9.03	9.89
Ayers Supreme Brand Sweet Feed.....	11.00	2.00	28.00	40.00	.....	.....
Analysis <sup>26</sup> .....	10.73	2.31	28.36	37.54	10.98	10.08
Analysis.....	10.83	2.03	29.05	39.73	9.12	9.24
Analysis.....	9.85	1.78	28.85	39.09	10.79	9.64
Analysis <sup>26</sup> .....	12.09	2.00	31.76	37.37	8.35	8.43
Analysis.....	11.05	2.18	24.60	44.79	8.83	8.55
Ayers Supreme Brand Growing Mash.....	18.00	3.50	7.00	51.00	.....	.....
Analysis.....	19.28	4.75	6.40	52.39	8.46	8.72
Ayers Supreme Brand 20% Protein Egg Mash.....	20.00	3.60	7.00	49.00	.....	.....
Analysis <sup>26</sup> .....	19.85	4.14	6.64	53.20	9.07	7.10
Analysis <sup>27</sup> .....	21.72	4.75	7.23	50.61	8.00	7.69
Ayers Supreme Brand 16% Protein Dairy Feed.....	16.00	3.00	8.00	52.00	.....	.....
Analysis <sup>27</sup> .....	17.56	3.33	15.86	43.41	10.15	9.69
Analysis <sup>28</sup> .....	16.12	3.58	19.25	42.38	8.63	10.04
Ayers Supreme Brand 20% Protein Cattle Feed Cubes.....	20.00	3.00	10.50	42.00	.....	.....
Analysis.....	17.97	3.03	7.75	54.03	9.69	7.53
Analysis.....	18.80	3.19	7.43	53.83	10.49	6.26
Analysis.....	19.45	3.65	8.37	51.31	10.38	6.84
Analysis.....	18.95	3.12	8.01	51.10	11.07	7.75
Analysis.....	20.10	3.16	7.79	50.81	10.79	7.35
Ayers Supreme Brand 28% Protein Supplement for Hogs.....	28.00	3.50	8.70	32.00	.....	.....
Analysis.....	26.53	4.69	8.55	43.42	6.97	9.84
Analysis.....	24.97	3.76	8.73	45.00	7.73	9.81
Ayers Supreme Brand 34% Protein Egg Mash Supplement.....	34.00	4.80	5.00	28.00	.....	.....
Analysis.....	36.01	6.02	4.72	30.22	8.01	15.02
Ayers Supreme Brand 9% Protein Sweet Feed.....	9.00	1.60	30.00	41.00	.....	.....
Analysis.....	9.40	1.69	28.47	41.27	9.56	9.61
<b>Bagwell Milling Company, Greenville, Texas.</b>						
Blue Ribbon Brand Laying Mash.....	19.00	4.00	5.00	47.00	.....	.....
Analysis <sup>29</sup> .....	21.07	4.12	5.64	51.36	10.77	7.04
Pur-Best Brand Dairy Feed.....	18.00	4.50	12.30	45.00	.....	.....
Analysis.....	17.04	3.40	9.75	48.28	12.01	9.52
Blue Ribbon Brand 16% Protein Dairy Feed.....	16.00	3.50	11.00	46.50	.....	.....
Analysis <sup>30</sup> .....	16.65	2.96	12.24	46.40	11.21	10.54
<b>Bailey's Feed Store, Rosenberg, Texas.</b>						
Red Star 16% Protein Dairy Feed.....	16.00	4.00	12.50	46.00	.....	.....
Analysis <sup>29</sup> .....	17.32	5.20	10.97	47.81	10.55	8.15
Analysis.....	15.64	3.31	12.89	48.48	10.78	8.90
Red Star Egg Mash.....	19.00	3.80	7.00	50.00	.....	.....
Analysis.....	20.09	3.51	5.36	53.50	10.15	7.39
Red Star All-Mash Laying Ration.....	15.50	5.00	8.00	50.00	.....	.....
Analysis.....	16.20	6.38	8.07	49.66	9.74	9.95
Analysis.....	18.43	6.13	6.93	49.05	9.23	10.23

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>25</sup>Excess of salt.<sup>26</sup>Deficient in ground oyster shell.<sup>27</sup>Deficient in ground oyster shell and salt.<sup>28</sup>Adulterated with peanut hulls.<sup>29</sup>Incorrectly printed tags attached.<sup>30</sup>Registration cancelled.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Bain Peanut Company of Texas, Fort Worth, Texas.</b>						
Bapco Brand 43% Protein Peanut Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <i>c</i> .....	38.08	8.69	18.15	24.13	5.57	5.38
Analysis <i>e</i> .....	38.92	11.20	13.26	22.79	6.48	7.35
Analysis <i>a c</i> .....	33.16	12.36	10.14	28.74	5.43	10.17
Analysis <i>a c</i> .....	37.32	8.84	10.97	27.01	6.47	9.39
Analysis <i>a c</i> .....	42.23	10.67	12.07	23.05	6.28	5.70
Analysis <i>a c</i> .....	38.35	11.55	9.95	26.76	5.73	7.66
Analysis <i>a c</i> .....	41.30	7.89	15.04	23.07	7.01	5.69
36% Protein Flaked Peanut Feed.....	36.00	5.00	22.00	28.00	.....	.....
Analysis.....	40.51	9.74	10.14	26.78	5.44	7.39
Analysis.....	36.63	8.44	11.18	28.94	5.33	9.48
<b>Barron's Electric Hatchery, Lamesa, Texas.</b>						
Eureka Brand Laying Mash No. 2.....	19.00	3.50	7.50	48.00	.....	.....
Analysis.....	18.47	4.53	6.37	49.78	9.65	11.20
Eureka Brand Growing-Developing Mash.....	17.00	3.50	8.00	52.00	.....	.....
Analysis.....	17.59	4.38	5.50	52.01	9.44	11.08
Eureka Brand Laying Mash No. 1.....	19.00	3.60	7.00	46.00	.....	.....
Analysis <sup>31</sup> .....	18.49	4.58	5.33	50.31	9.98	11.31
Eureka Brand Starter-Grow Mash.....	19.00	3.50	7.00	49.00	.....	.....
Analysis.....	19.30	4.40	5.90	50.94	10.56	8.90
<b>Bawden Fuel &amp; Feed Company, Plainview, Texas.</b>						
Rainbow Sweet Feed.....	10.00	1.80	15.00	49.50	.....	.....
Analysis <sup>32</sup> .....	12.65	2.10	13.68	52.30	9.15	10.12
Rainbow 19% Protein Egg Mash.....	19.00	3.50	6.00	49.00	.....	.....
Analysis.....	20.66	4.01	4.82	52.67	9.31	8.53
Rainbow 18% Protein Dairy Feed.....	18.00	3.00	11.00	45.00	.....	.....
Analysis.....	19.00	3.66	9.26	52.71	9.35	6.02
Rainbow All-Mash Chick Starter.....	20.00	3.50	7.50	48.00	.....	.....
Analysis <sup>31</sup> .....	22.27	4.63	5.28	49.89	9.44	8.49
Rainbow 18% Protein Egg Mash.....	18.00	3.50	6.00	53.00	.....	.....
Analysis <sup>31</sup> .....	20.74	3.53	4.03	55.70	9.45	6.55
<b>B-C Feed Store &amp; Hatchery, San Angelo, Texas.</b>						
B-C Special 18% Protein Dairy Feed.....	18.00	3.50	12.00	42.00	.....	.....
Analysis.....	19.18	4.09	10.44	49.48	9.26	7.55
<b>Beeville Feed &amp; Seed Company, Beeville, Texas.</b>						
Russell's Special Dairy Ration.....	20.00	3.00	17.30	43.00	.....	.....
Analysis <sup>33</sup> .....	20.32	3.60	15.28	44.07	10.50	6.23
Leghorn Brand Special Laying Mash.....	18.00	3.50	6.50	48.50	.....	.....
Analysis.....	19.09	4.31	5.77	51.42	9.93	9.48
Analysis.....	18.80	4.38	4.70	51.21	11.59	9.32
Analysis.....	19.13	3.76	4.50	53.92	10.24	8.45
Russell's 20% Protein Dairy Feed.....	20.00	3.50	12.00	42.00	.....	.....
Analysis.....	17.26	3.03	19.93	42.04	10.70	7.04
<b>Benham &amp; Co., Inc., Mineola, Texas.</b>						
Benco 18% Protein Dairy Feed.....	18.00	3.00	12.50	47.00	.....	.....
Analysis.....	18.92	3.48	13.05	47.11	9.52	7.92
<b>Bennett &amp; Sons, S. L., Gainesville, Texas.</b>						
Bennett's Dairy Feed.....	19.00	4.00	9.50	49.00	.....	.....
Analysis.....	18.69	4.78	11.37	50.56	8.31	6.29
Bennett's Best Chick Starter Mash.....	17.50	3.50	6.00	53.00	.....	.....
Analysis.....	17.70	3.71	5.95	55.99	9.96	6.69

*a, b, c, d, e, f, g, h, i, j, k.*—See legend at the beginning of this table.<sup>31</sup>Excess of salt.<sup>32</sup>Soybean oil meal found, not claimed.<sup>33</sup>Deficient in ground limestone.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Bewley Mills, Fort Worth, Texas.</b>						
Anchor 18% Protein Dairy Feed.....	18.00	3.30	10.50	47.00	.....	.....
Analysis.....	15.08	2.71	5.24	61.33	10.53	5.11
Analysis.....	16.65	2.26	4.49	61.60	10.21	4.79
Analysis <sup>33</sup> .....	15.47	2.61	6.78	59.49	9.84	5.81
Analysis.....	18.08	3.28	7.67	54.69	11.42	4.86
Analysis <sup>33</sup> .....	17.68	2.57	8.83	54.78	10.65	5.49
Anchor 18% Protein Dairy Feed.....	18.00	3.00	10.50	47.00	.....	.....
Analysis <sup>34</sup> .....	16.30	3.42	9.29	53.28	11.72	5.99
Analysis <sup>35</sup> .....	18.59	3.28	8.92	51.01	12.48	5.72
Analysis.....	24.13	3.73	8.00	46.76	10.65	6.73
Anchor Wheat Bran, Wheat Brown Shorts, and Screenings.....	14.50	3.50	9.20	55.00	.....	.....
Analysis.....	17.47	4.59	9.08	51.07	12.15	5.64
Anchor Pig Ration.....	16.50	3.00	7.00	48.00	.....	.....
Analysis <sup>36</sup> .....	15.79	2.14	4.18	64.87	9.99	3.03
Blue Anchor 16% Protein Mixed Feed.....	16.00	2.50	13.00	48.00	.....	.....
Analysis.....	16.34	2.78	8.67	56.41	10.44	5.36
Analysis <sup>34</sup> .....	16.30	3.54	8.26	57.37	9.36	5.17
Analysis <sup>37</sup> .....	17.24	2.25	7.99	57.62	10.49	4.41
Analysis.....	19.04	4.11	11.03	48.86	9.66	7.30
Analysis <sup>34</sup> .....	16.39	2.87	7.87	57.54	9.83	5.50
Analysis.....	14.80	2.78	10.74	53.33	10.70	7.65
Analysis.....	19.05	3.21	10.10	56.59	9.29	1.76
Analysis <sup>34</sup> .....	19.30	3.35	7.82	52.19	10.66	6.68
Analysis <sup>33</sup> .....	18.78	3.33	7.34	55.37	9.60	5.58
Joy Stock Feed.....	9.00	2.00	16.00	56.00	.....	.....
Analysis.....	15.13	2.37	8.65	58.51	9.49	5.85
Analysis <sup>37</sup> .....	16.72	2.96	9.08	54.86	9.75	6.63
Analysis.....	14.58	2.73	7.78	56.37	11.23	7.31
Analysis <sup>38</sup> .....	15.05	3.20	10.64	49.25	9.67	12.19
Analysis <sup>39</sup> .....	13.72	3.12	10.56	54.64	10.98	6.98
Blue Anchor 5 Egg Mash.....	18.00	3.50	7.50	45.00	.....	.....
Analysis.....	22.64	3.90	5.56	50.99	9.96	6.95
Analysis <sup>40</sup> .....	19.70	3.83	5.73	52.56	11.56	6.62
Analysis <sup>40</sup> .....	19.51	4.49	5.87	51.87	10.68	7.58
Analysis <sup>40</sup> .....	19.55	4.30	6.60	51.79	11.11	6.65
Analysis.....	18.78	4.30	5.74	52.00	10.84	8.34
Analysis.....	19.10	4.11	6.39	50.07	11.54	8.79
Analysis <sup>40</sup> .....	18.91	4.03	5.97	52.89	11.51	6.69
Analysis.....	19.41	4.44	6.82	52.04	10.24	7.05
Anchor Egg Mash Chunkets.....	20.00	3.80	7.20	45.30	.....	.....
Analysis <sup>41</sup> .....	21.80	3.98	4.72	54.56	8.79	6.15
Analysis <sup>42</sup> .....	19.66	4.93	5.89	51.99	10.08	7.45
Analysis.....	18.46	4.82	7.47	54.20	8.02	7.03
Anchor Horse and Mule Feed.....	10.00	3.20	9.50	59.40	.....	.....
Analysis.....	12.75	3.66	7.85	60.26	11.24	4.24
Analysis.....	11.65	4.24	9.21	60.34	11.45	3.11
Blue Anchor 5 Egg Mash Chunkets.....	18.00	3.50	7.50	45.00	.....	.....
Analysis.....	17.20	3.23	5.05	60.72	8.03	5.77
Anchor 30% Protein Supplement for Swine.....	30.00	3.50	7.00	35.00	.....	.....
Analysis.....	33.36	6.28	4.98	30.52	8.10	16.76

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>33</sup>Deficient in ground limestone.<sup>34</sup>Deficient in ground limestone and salt.<sup>35</sup>Deficient in salt.<sup>36</sup>Corn gluten feed found, not claimed.<sup>37</sup>Meat and bone scraps found, not claimed. Deficient in ground limestone and salt.<sup>38</sup>Wrong tags attached. Removed from sale and relabeled Blue Anchor 16% Protein Mixed Feed. Deficient in ground limestone and salt.<sup>39</sup>Alfalfa meal found, not claimed.<sup>40</sup>Deficient in ground oyster shell and salt.<sup>41</sup>Deficient in ground oyster shell.<sup>42</sup>Deficient in ground oyster shell and salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Bewley Mills, Fort Worth, Texas—Continued.</b>						
Anchor Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00	.....	.....
Analysis.....	15.80	2.91	2.89	62.80	13.15	2.45
Analysis.....	15.50	3.21	3.28	62.59	12.67	2.75
Analysis.....	16.30	2.90	3.89	59.57	12.64	4.70
Analysis.....	16.03	2.98	3.28	61.46	12.79	3.46
Analysis <sup>43</sup> .....	15.23	3.41	3.49	62.20	13.02	2.65
Anchor Egg Mash.....	20.00	3.80	7.20	45.30	.....	.....
Analysis <sup>41</sup> .....	18.55	3.96	5.26	57.03	8.67	6.53
Analysis <sup>44</sup> .....	18.43	3.82	4.94	55.92	11.13	5.76
Analysis <sup>42</sup> .....	21.00	5.24	6.03	49.85	10.39	7.49
Analysis.....	20.70	3.88	5.19	51.02	11.20	8.01
Analysis <sup>42</sup> .....	25.93	5.85	6.72	40.80	10.26	10.44
Analysis.....	17.49	3.77	5.57	54.09	11.80	7.28
Analysis.....	18.15	3.89	5.43	53.08	11.46	7.99
Analysis.....	19.50	4.17	7.17	49.51	10.98	8.67
Analysis.....	20.67	4.59	6.82	48.49	10.43	9.00
Analysis.....	19.75	4.21	5.61	51.39	11.94	7.10
Analysis.....	20.00	4.17	5.11	52.48	10.79	7.45
Anchor Growing Mash.....	17.00	3.60	7.00	51.00	.....	.....
Analysis.....	18.44	3.81	6.01	55.22	9.40	7.12
Analysis <sup>42</sup> .....	17.90	4.13	5.23	55.81	11.13	5.80
Analysis <sup>42</sup> .....	17.40	3.90	6.53	54.56	11.78	5.83
Analysis <sup>41</sup> .....	15.79	3.26	5.13	59.94	11.03	4.85
Analysis <sup>42</sup> .....	17.60	4.71	6.48	55.55	9.28	6.38
Anchor All-Mash Starter.....	16.00	3.80	6.50	53.80	.....	.....
Analysis <sup>42</sup> .....	21.16	4.13	6.47	52.32	10.19	5.73
Analysis <sup>42</sup> .....	16.30	3.99	4.80	58.66	11.71	4.54
Analysis.....	18.34	4.68	4.55	55.58	10.70	6.15
Anchor Turkey Growing Mash.....	22.00	3.80	7.80	43.00	.....	.....
Analysis <sup>41</sup> .....	22.50	4.28	6.70	51.00	9.52	6.00
<b>Big Spring Cotton Oil Company, Big Spring, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>c</sup> .....	40.82	6.78	13.48	27.17	6.96	4.79
<b>Big Value Mills, Dallas, Texas.</b>						
Big Value Brand Poultry Mash.....	14.00	3.00	4.00	58.50	.....	.....
Analysis.....	15.88	2.84	5.50	57.98	10.43	7.37
Analysis.....	17.24	2.89	4.37	57.09	9.88	8.53
<b>Bishop, L. R., Matador, Texas.</b>						
Chowmix 16% Protein Dairy Feed F.....	16.00	3.00	14.00	42.00	.....	.....
Analysis.....	17.00	3.68	7.29	55.52	10.68	5.83
<b>Bishop Grain &amp; Coal Company, Memphis, Texas.</b>						
Bishop's Hallco Egg Mash.....	18.00	3.50	8.00	49.50	.....	.....
Analysis.....	17.80	3.16	4.06	58.78	10.76	5.44
<b>Bishop Milling Company, Bishop, Texas.</b>						
Velvet Big Value Brand Laying Mash.....	18.00	3.50	6.70	51.00	.....	.....
Analysis <sup>45</sup> .....	18.65	3.15	6.92	54.89	10.48	5.91
Analysis.....	17.88	3.69	6.32	54.40	11.28	6.43

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>41</sup>Deficient in ground oyster shell.<sup>42</sup>Deficient in ground oyster shell and salt.<sup>43</sup>Contains ground wheat.<sup>44</sup>Linseed meal found, not claimed.<sup>45</sup>Meat and bone scraps claimed, not found. Cottonseed meal and linseed meal found, not claimed.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Bishop Milling Company, Bishop, Texas—Continued.</b>						
Velvet Brand Growing Mash.....	18.50	3.50	6.70	51.30	.....	.....
Analysis <sup>46</sup> .....	17.67	3.18	6.06	57.85	10.24	5.00
Analysis.....	18.79	3.45	5.55	56.16	10.24	5.81
Velvet Brand 35% Protein Supplement for Hogs.....	35.00	5.00	8.60	24.00	.....	.....
Analysis <sup>47</sup> .....	33.05	5.72	10.50	31.58	7.11	12.04
Velvet Brand All-Mash Poultry Ration.....	18.80	3.50	6.20	52.00	.....	.....
Analysis.....	18.00	4.17	4.65	56.60	11.33	5.25
Velvet Brand Bordens 18% Protein Dairy Feed.....	18.00	3.00	7.00	51.50	.....	.....
Analysis <sup>48</sup> .....	18.18	3.27	6.48	54.80	11.38	5.89
Velvet Brand Bordens 18% Protein Dairy Feed.....	18.00	3.00	9.50	49.00	.....	.....
Analysis.....	18.34	2.83	5.82	54.12	11.51	7.38
Velvet Brand Broiler Mash.....	20.50	3.50	6.70	49.60	.....	.....
Analysis <sup>48</sup> .....	18.82	4.49	6.28	52.83	11.32	6.26
Velvet Brand Hog Feed.....	15.00	3.50	6.50	54.00	.....	.....
Analysis.....	14.78	4.38	4.06	56.95	12.22	7.61
Velvet Brand Laying Mash.....	19.40	3.50	6.20	50.50	.....	.....
Analysis.....	18.19	4.55	7.17	52.39	10.85	6.85
Analysis <sup>49</sup> .....	18.80	3.34	6.12	55.12	10.43	6.19
<b>Blair Elevator Corporation, The, Atchison, Kansas.</b>						
Certified Brand Pig Slopper.....	15.00	3.00	8.00	55.00	.....	.....
Analysis.....	15.50	2.28	4.17	58.05	10.39	9.61
Ajax 16% Protein Dairy Feed.....	16.00	3.00	12.00	48.00	.....	.....
Analysis.....	16.76	4.78	10.13	48.79	11.04	8.50
Valley Laying Mash.....	18.00	3.50	7.70	46.00	.....	.....
Analysis.....	17.27	4.57	5.36	54.18	11.36	7.26
Certified Brand Starting Mash.....	18.00	4.00	6.50	52.50	.....	.....
Analysis <sup>49</sup> .....	17.54	4.55	4.58	54.46	12.10	6.77
<b>Blair Milling Company, The, Atchison, Kansas.</b>						
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	.....	.....
Analysis <sup>a</sup> .....	17.20	3.84	5.53	58.84	10.27	4.32
<b>Blatchford Calf Meal Company, Waukegan, Illinois.</b>						
Blatchford's V-D.....	31.00	4.00	5.50	35.00	.....	.....
Analysis.....	27.48	4.30	5.53	44.67	10.16	7.86
Analysis.....	30.41	3.57	5.10	43.51	10.84	6.57
<b>Bledsoe Feed &amp; Fuel Company, San Angelo, Texas.</b>						
Bledsoe's Winner Brand Dairy Cow Feed.....	17.50	3.80	11.00	49.00	.....	.....
Analysis <sup>50</sup> .....	18.26	4.01	10.71	48.98	8.82	9.22
Analysis.....	18.43	3.53	7.68	52.56	9.85	7.95
<b>Blue Bonnet Packing Company, Fort Worth, Texas.</b>						
50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....
Analysis <sup>c</sup> .....	47.83	11.74	2.15	2.96	7.43	27.89
Analysis <sup>51</sup> .....	50.24	11.59	1.93	2.86	7.93	25.45
Analysis.....	50.19	11.38	1.66	2.90	8.03	25.84
Analysis <sup>c</sup> .....	48.85	12.60	1.89	2.69	8.13	25.84
Analysis <sup>c</sup> .....	44.58	14.67	2.35	6.27	6.25	25.88
Analysis <sup>51</sup> .....	49.70	12.13	1.85	2.92	6.23	27.17
Analysis <sup>51</sup> .....	51.35	10.73	2.18	3.82	6.85	25.07

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>46</sup>Fish meal claimed, not found.<sup>47</sup>Deficient in ground limestone.<sup>48</sup>Deficient in ground limestone with excess of salt.<sup>49</sup>Excess of salt.<sup>50</sup>Peanut hulls found, not claimed. Ground whole oats and ground peanut hay claimed, not found.<sup>51</sup>Excess of calcium carbonate.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Bonner Feed Company,</b> <b>Athens, Texas.</b>						
Bonner's Special 18% Protein Dairy Feed.....	18.00	4.00	12.50	42.00		
Analysis <sup>52</sup> .....	20.84	5.72	10.50	41.23	10.45	11.26
Analysis.....	20.05	5.43	7.71	46.54	11.26	9.01
Bonner's Special 24% Protein Dairy Feed.....	24.00	4.00	12.00	37.00		
Analysis.....	24.33	5.05	7.71	43.91	10.25	8.75
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00		
Analysis <sup>53</sup> .....	6.28	3.22	17.82	59.27	11.11	2.30
<b>Borden Company, The,</b> <b>New York, New York.</b>						
Flaydry Brand Mixed Feed.....	24.00	0.50	4.30	35.00		
Analysis <sup>54</sup> .....	27.59	2.45	4.24	44.27	10.42	11.03
Flaydry.....	20.00	0.50	4.20	39.00		
Analysis.....	22.40	4.77	4.65	49.67	8.84	9.67
Ration-Ayd 160 for Laying Mash.....	32.00	0.50	4.30	25.00		
Analysis.....	35.28	5.08	4.64	39.27	9.53	6.20
Ladpro 100A-40D.....	45.00	3.00	5.00	18.00		
Analysis <sup>55</sup> .....	48.98	4.77	4.18	21.32	12.10	8.65
<b>Boyer Feed Mills,</b> <b>Fort Worth, Texas.</b>						
Whole Barley Chop.....	11.00	1.50	6.00	65.00		
Analysis.....	11.28	1.98	5.70	67.44	11.17	2.43
Alfalfa Meal and Cane Molasses.....	11.00	1.40	27.30	40.00		
Analysis.....	13.68	1.38	21.61	41.93	12.85	8.55
<b>Bradley Feed Company,</b> <b>Weatherford, Texas.</b>						
O. K. Brand Dairy Feed.....	17.00	3.00	12.50	46.00		
Analysis.....	17.40	3.97	12.12	50.46	9.15	6.90
<b>Bradshaw Feed &amp; Seed,</b> <b>Petersburg, Texas.</b>						
Bradshaw's Big B Egg Mash.....	18.00	3.50	7.50	50.00		
Analysis.....	19.32	4.23	7.45	52.91	9.08	7.01
<b>Brady Cotton Oil Company,</b> <b>Brady, Texas.</b>						
41% Protein Cracked Soybean Oil Cake.....	41.00	4.70	7.00	29.00		
Analysis.....	42.30	5.55	6.19	31.91	8.15	5.90
41% Protein Soybean Oil Meal.....	41.00	4.70	7.00	29.00		
Analysis.....	43.25	6.54	5.96	31.56	7.09	5.60
<b>Brazos County Producers Cooperative Association,</b> <b>Bryan, Texas.</b>						
Co-Op Special 18% Protein Dairy Feed.....	18.00	3.00	11.00	50.00		
Analysis <sup>57</sup> .....	18.32	3.27	8.83	50.33	12.07	7.18
Co-Op Special Laying Mash.....	19.00	3.50	7.00	50.00		
Analysis.....	21.22	4.69	4.78	50.24	10.83	8.24
Analysis.....	19.01	4.17	3.65	55.86	11.15	6.16
Co-Op Complete Turkey Breeder Ration.....	16.00	3.50	8.00	52.00		
Analysis.....	19.90	4.45	5.11	50.81	10.07	9.66
Co-Op All-Mash Chick Starter.....	18.00	3.50	6.00	51.00		
Analysis.....	19.00	4.62	4.80	52.20	11.93	7.45
Co-Op All-Mash Growing Ration.....	17.50	3.50	7.00	52.00		
Analysis <sup>56</sup> .....	19.75	3.94	3.80	55.11	10.86	6.54
Co-Op Turkey Starter Ration.....	23.00	4.00	7.00	44.00		
Analysis.....	26.11	6.03	5.45	43.91	10.57	7.93

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

52Adulterated with rice hulls. Excess of salt.

53Excess of cob and shucks.

54Ground wheat, linseed meal, and calcium carbonate found, not claimed.

55Excess of salt.

56Deficient in ground oyster shell.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Brazos County Producers Cooperative Association, Bryan, Texas—Continued.</b>						
Co-Op Complete Pig-Hog and Sow Feed.....	16.50	3.00	8.00	52.00	.....	.....
Analysis.....	18.90	3.85	5.54	51.83	11.69	8.19
Co-Op All-Mash Broiler Ration.....	18.00	3.50	5.50	51.50	.....	.....
Analysis.....	19.57	4.14	3.14	54.77	11.24	7.14
<b>Brazos Valley Cotton Oil Company, Waco, Texas.</b>						
Longhorn Brand 43% Protein Cottonseed Meal	43.00	5.00	12.00	23.00	.....	.....
Analysis <sup>e</sup> .....	41.69	6.22	12.46	28.49	5.85	5.29
Analysis <sup>e</sup> .....	37.99	6.62	13.93	27.59	8.79	5.08
Analysis <sup>e</sup> .....	41.62	6.56	11.80	27.76	7.18	5.08
Analysis.....	43.55	6.16	10.41	27.04	7.35	5.49
Analysis <sup>e</sup> .....	41.70	6.99	12.13	26.46	7.56	5.16
Analysis.....	43.23	7.35	11.38	25.50	7.18	5.36
Analysis.....	44.41	6.53	10.60	25.00	7.56	5.90
Longhorn Brand 43% Protein Cottonseed Cake	43.00	5.00	12.00	23.00	.....	.....
Analysis <sup>e</sup> .....	41.40	5.69	12.20	28.05	7.16	5.50
Analysis <sup>e</sup> .....	41.85	5.93	12.08	27.15	7.85	5.14
Analysis.....	44.00	6.45	9.78	26.40	7.65	5.72
Longhorn Brand 43% Protein Cottonseed Pellets.....	43.00	5.00	12.00	23.00	.....	.....
Analysis <sup>e</sup> .....	39.86	6.03	12.15	28.55	8.42	4.99
Analysis <sup>e</sup> .....	42.16	6.05	11.91	26.70	7.99	5.19
Analysis <sup>e</sup> .....	41.12	7.48	11.63	25.11	9.34	5.32
Longhorn Brand Soybean Oil Meal and Cotton- seed Meal—Pelleted.....	43.00	5.00	9.00	25.00	.....	.....
Analysis.....	43.01	6.40	9.28	27.14	8.95	5.22
<b>Bredt &amp; Haley Produce Company, Rockdale, Texas.</b>						
Roc-Tex Brand B & H Special Chick Starter...	17.00	3.50	5.50	51.50	.....	.....
Analysis <sup>e</sup> .....	18.53	4.79	4.49	53.68	11.16	7.35
Roc-Tex Brand B & H Special Chick Starter...	17.00	3.50	6.30	51.50	.....	.....
Analysis <sup>57</sup> .....	15.24	3.67	4.00	59.34	12.21	5.54
Roc-Tex Brand B & H Special Egg Mash.....	18.50	4.00	7.50	48.00	.....	.....
Analysis <sup>56</sup> .....	17.00	4.67	5.49	55.88	10.02	6.94
Analysis <sup>56</sup> .....	17.38	4.72	5.24	55.31	10.80	6.55
Analysis <sup>56</sup> .....	17.34	4.30	5.55	55.66	10.35	6.80
Roc-Tex Brand B & H Special Laying Mash...	18.00	3.50	6.00	50.00	.....	.....
Analysis.....	20.11	5.00	5.49	49.68	11.27	8.45
Roc-Tex Brand B & H Special Growing Mash...	16.00	3.50	6.00	53.00	.....	.....
Analysis.....	16.15	4.79	4.35	56.70	11.43	6.58
Roc-Tex Brand Complete Hog Ration.....	14.00	3.50	3.50	52.00	.....	.....
Analysis <sup>58</sup> .....	16.44	6.32	5.26	50.53	10.00	11.45
Analysis <sup>59</sup> .....	16.73	5.68	5.45	51.41	9.73	11.00
Jolly Stock Feed.....	9.00	2.00	29.00	38.60	.....	.....
Analysis.....	8.59	1.89	23.92	47.02	9.30	9.28
Roc-Tex Brand 32% Protein Supplement for Hogs	32.00	5.50	10.20	27.80	.....	.....
Analysis <sup>60</sup> .....	28.31	5.16	8.78	36.34	8.27	13.14
Analysis <sup>k</sup> .....	28.61	7.84	6.43	31.38	8.18	17.56
Analysis <sup>k</sup> .....	29.96	8.92	6.37	29.52	7.88	17.35
Roc-Tex Brand 18% Protein Dairy Feed.....	18.00	3.00	14.50	41.00	.....	.....
Analysis.....	17.74	3.62	14.25	45.77	9.31	9.31
<b>Brenham Cotton Oil &amp; Manufacturing Company, Brenham, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....
Analysis <sup>e</sup> .....	42.30	6.08	10.79	27.98	7.22	5.63
Analysis.....	42.75	6.38	10.64	26.92	7.33	5.98
Analysis.....	42.87	5.88	10.86	26.70	7.41	6.28
Analysis <sup>e</sup> .....	42.38	5.83	10.32	27.12	8.25	6.10

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>56</sup>Deficient in ground oyster shell.<sup>57</sup>Deficient in ground oyster shell with excess of salt.<sup>58</sup>Rice hulls found, not claimed. Excess of salt.<sup>59</sup>Deficient in ground oyster shell and/or ground limestone.<sup>60</sup>Cottonseed meal found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Moist- ure	Crude Ash
<b>Brenham Cotton Oil &amp; Manufacturing Company, Brenham, Texas—Continued.</b>						
43% Protein Sheep-Size Cottonseed Cake.....	43.00	5.20	12.00	25.00		
Analysis <sup>a</sup> .....	41.73	5.81	11.86	28.73	6.14	5.73
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00		
Analysis.....	41.61	6.10	12.04	27.29	7.49	5.47
<b>Brownfield Milling Company, Brownfield, Texas.</b>						
Paramount Brand Milk-Producer Dairy Feed..	16.00	3.00	12.50	50.00		
Analysis <sup>a</sup> .....	13.89	3.27	12.27	51.76	11.32	7.49
Paramount Brand Growing Mash.....	15.00	3.50	6.00	55.00		
Analysis.....	14.90	3.77	5.73	58.73	9.78	7.09
Paramount Extra-High Quality Brand Chick Starter.....	17.00	3.50	7.00	50.00		
Analysis.....	16.17	3.85	5.18	57.65	10.43	6.72
<b>Brownwood Cotton Oil Mill, Brownwood, Texas.</b>						
Cotton Bloom Brand 43% Protein Peanut Meal	43.00	6.00	12.00	23.00		
Analysis <sup>a</sup> .....	40.89	6.56	13.19	25.90	7.90	5.56
Analysis.....	40.08	5.39	15.55	25.22	6.64	7.12
Analysis <sup>a</sup> .....	40.32	7.12	8.72	28.48	7.12	8.24
Panther Brand 9% Protein Sweet Feed.....	9.00	2.00	30.00	38.00		
Analysis <sup>b61</sup> .....	9.10	2.27	29.31	39.09	11.28	8.95
Analysis.....	11.64	2.88	26.38	38.40	11.10	9.60
Cotton Bloom Brand Laying Mash.....	21.00	3.70	7.50	46.00		
Analysis.....	22.16	3.57	6.08	50.07	9.46	8.66
Analysis.....	21.59	3.82	7.00	50.28	9.99	7.32
Cotton Bloom Brand 41% Protein Supplement for Hogs.....	41.00	4.00	14.00	20.00		
Analysis.....	40.77	6.65	10.18	21.99	8.44	11.97
Cotton Bloom Brand Growing Mash.....	18.00	3.50	7.00	49.00		
Analysis.....	18.02	3.99	5.33	55.24	10.37	7.05
Analysis.....	17.60	3.83	5.40	55.60	10.04	7.53
Cotton Bloom Brand Chick Starter Mash.....	19.00	4.00	6.50	46.00		
Analysis <sup>b62</sup> .....	20.78	4.08	5.40	52.41	10.88	6.45
Cotton Bloom Brand Broiler Mash.....	18.50	3.70	7.00	48.00		
Analysis <sup>b63</sup> .....	19.10	4.06	5.92	53.43	10.97	6.52
Analysis <sup>b63</sup> .....	18.89	3.61	6.13	54.80	10.10	6.47
Panther Brand Laying Mash.....	19.00	3.50	8.00	48.00		
Analysis.....	19.95	4.02	5.32	54.29	8.91	7.51
Analysis <sup>b63</sup> .....	19.15	3.28	5.82	54.58	11.67	5.50
Analysis.....	18.42	3.40	5.97	55.45	10.06	6.70
Analysis.....	18.97	3.53	5.63	54.98	9.90	6.99
Analysis.....	20.04	3.34	5.95	52.77	10.37	7.53
Analysis.....	19.25	3.50	5.76	55.29	8.85	7.35
Panther Brand Laying Mash Pellets.....	19.00	3.50	8.00	48.00		
Analysis.....	20.35	3.85	5.58	53.32	8.56	8.34
Cotton Bloom Brand 16% Protein Dairy Feed.	16.00	3.50	13.00	46.00		
Analysis.....	15.82	2.95	10.35	50.65	11.36	8.87
Consumers Brand Laying Mash.....	20.00	3.50	7.50	49.00		
Analysis.....	20.72	4.15	5.10	53.18	9.78	7.07
Analysis <sup>b63</sup> .....	20.10	3.62	6.15	53.33	10.13	6.67
Analysis.....	20.05	3.40	5.02	54.44	11.05	6.04
Analysis.....	19.55	3.39	4.86	56.90	9.87	5.43
Consumers Brand Laying Mash Pellets.....	20.00	3.50	7.50	49.00		
Analysis.....	20.35	4.11	4.41	57.31	8.85	4.97
Analysis <sup>b63</sup> .....	20.55	3.56	4.57	56.52	9.52	5.28
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00		
Analysis.....	43.80	6.48	5.84	29.19	8.87	5.82

<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, <sup>d</sup>, <sup>e</sup>, <sup>f</sup>, <sup>g</sup>, <sup>h</sup>, <sup>i</sup>, <sup>j</sup>, <sup>k</sup>. —See legend at the beginning of this table.<sup>b61</sup>Alfalfa leaf meal found, not claimed.<sup>b62</sup>Deficient in ground oyster shell with excess of salt.<sup>b63</sup>Deficient in ground oyster shell.

**Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued**

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitro-gen-free Extract	Mois-ture	Crude Ash
<b>Brownwood Feed Mill,</b> <b>Brownwood, Texas.</b>						
Farmers Friend Brand Egg Mash.....	18.50	3.50	7.50	50.00	.....	.....
Analysis <sup>63</sup> .....	16.35	3.42	5.63	59.48	9.91	5.21
Analysis <sup>64</sup> .....	17.02	2.91	3.86	58.79	10.93	6.49
Analysis <sup>64</sup> .....	16.41	3.82	4.02	57.91	11.32	6.52
Analysis <sup>65</sup> .....	19.93	3.83	3.96	54.85	9.79	7.64
<b>Bryan Cotton Oil &amp; Fertilizer Company,</b> <b>Bryan, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>c</sup> .....	41.47	7.29	10.73	27.86	6.93	5.72
Star Brand 19% Protein Dairy Feed.....	19.00	3.00	14.00	45.50	.....	.....
Analysis <sup>k66</sup> .....	19.00	3.82	11.41	44.52	15.31	5.94
Analysis <sup>67</sup> .....	21.52	3.63	10.15	47.87	10.85	5.98
<b>Bryan Feed &amp; Seed Company, Inc.,</b> <b>Bryan, Texas.</b>						
Milo Chop.....	10.00	2.50	3.00	70.00	.....	.....
Analysis.....	10.09	2.95	1.71	71.48	12.38	1.39
Dairy Feed.....	18.00	3.00	10.60	51.50	.....	.....
Analysis.....	20.41	3.69	9.19	49.67	10.44	6.60
Analysis <sup>65</sup> .....	18.90	3.31	10.59	50.19	10.34	6.67
<b>Burden's Feed Mill,</b> <b>Hico, Texas.</b>						
Burden's Up-One Egg Mash.....	20.00	3.50	7.00	47.00	.....	.....
Analysis.....	19.54	4.40	5.59	52.58	9.75	8.14
<b>Burdett Feed Store,</b> <b>El Paso, Texas.</b>						
Rosedale Growing Mash.....	17.00	3.60	6.50	52.00	.....	.....
Analysis.....	15.88	4.95	5.17	55.81	9.51	8.68
Rosedale Laying Mash.....	19.00	3.50	7.00	44.00	.....	.....
Analysis <sup>65</sup> .....	20.85	4.95	5.15	52.13	8.43	8.49
<b>Burleson Grain Company,</b> <b>Tahoka, Texas.</b>						
Double O.O. Brand All-Mash Chick Starting Ration.....	16.50	3.50	7.00	53.00	.....	.....
Analysis <sup>68</sup> .....	17.00	3.87	6.06	58.15	9.42	5.50
All-Purpose Mixed Feed.....	14.50	3.20	5.00	57.00	.....	.....
Analysis.....	17.06	3.79	3.45	59.78	11.26	4.66
Wheat Low-Grade Feed Flour.....	14.00	1.50	1.50	70.00	.....	.....
Analysis <sup>d a</sup> .....	16.73	2.11	.56	69.25	10.07	1.28
Double O.O. Gro-Mash.....	17.00	3.50	5.50	52.00	.....	.....
Analysis <sup>69</sup> .....	19.90	4.11	5.41	53.41	8.75	8.42
<b>Burnet Milling Company,</b> <b>Burnet, Texas.</b>						
Egg-A-Minute Brand Egg Mash.....	18.00	3.50	8.00	45.00	.....	.....
Analysis <sup>70</sup> .....	18.71	3.67	7.07	53.34	8.78	8.43
<b>Burress Feed Store, L. L.,</b> <b>Decatur, Texas.</b>						
Ground Whole Barley.....	11.00	1.50	6.00	65.00	.....	.....
Analysis.....	13.31	1.53	3.73	70.81	8.44	2.18

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>63</sup>Deficient in ground oyster shell.<sup>64</sup>Deficient in ground oyster shell.<sup>65</sup>Soybean oil meal found, not claimed.<sup>66</sup>Deficient in ground limestone with excess of salt.<sup>67</sup>Deficient in ground limestone.<sup>68</sup>Carbonate of lime found, not claimed.<sup>69</sup>Excess of salt.<sup>70</sup>Excess of ground oyster shell.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Burrus Feed Mills, Dallas, Texas, and Branches.</b>						
Texo Chick Scratch Feed.....	10.50	3.00	3.50	70.00	.....	.....
Analysis.....	10.99	3.44	1.93	71.15	10.96	1.53
Analysis.....	11.07	3.15	2.43	<b>68.36</b>	13.51	1.48
Texo Poultry Fatner.....	14.00	4.00	7.70	56.00	.....	.....
Analysis.....	18.89	3.40	4.09	60.18	8.38	5.06
Texo 24% Protein Dairy Feed.....	24.00	4.00	9.00	39.00	.....	.....
Analysis.....	23.05	4.50	8.66	44.65	10.03	9.11
Analysis.....	24.05	4.03	8.28	43.63	10.86	9.15
Texo Laying Mash.....	19.00	3.60	8.50	45.50	.....	.....
Analysis <sup>72</sup> .....	18.70	4.16	7.41	50.16	9.49	10.08
Analysis <sup>73</sup> .....	18.67	3.40	5.78	53.92	10.87	7.36
Analysis.....	19.70	3.83	6.78	52.20	10.21	7.28
Analysis.....	20.61	3.68	6.21	50.81	10.93	7.76
Texo Horse and Mule Feed.....	10.30	3.30	10.00	57.50	.....	.....
Analysis <sup>74</sup> .....	11.50	3.77	8.82	57.04	12.62	6.25
Analysis <sup>75</sup> .....	10.73	3.95	11.27	56.96	12.63	4.46
Analysis <sup>76</sup> .....	11.05	3.86	9.53	58.17	12.00	5.39
Analysis <sup>74</sup> .....	11.79	5.00	9.38	57.71	11.16	4.96
Texo All-Mash Laying Feed.....	15.00	3.50	8.00	49.00	.....	.....
Analysis.....	18.58	2.51	5.03	57.62	9.22	7.04
Analysis <sup>74</sup> .....	16.84	4.27	5.61	53.03	9.40	10.85
Analysis <sup>73</sup> .....	18.90	3.73	5.93	49.93	11.10	10.41
Texo Growing Mash.....	17.50	4.00	6.00	48.00	.....	.....
Analysis.....	19.16	2.92	5.75	56.28	9.81	6.08
Analysis.....	19.13	3.81	5.74	53.74	9.64	7.94
Analysis.....	18.39	3.08	5.37	56.46	9.70	7.00
Analysis.....	19.93	3.91	6.00	52.50	9.87	7.75
Analysis.....	22.55	3.71	6.01	49.18	10.54	8.01
Texo 18% Protein Dairy Feed.....	18.00	3.20	10.50	45.40	.....	.....
Analysis.....	21.10	3.52	9.05	46.48	11.47	8.38
Analysis.....	20.26	4.13	8.49	48.31	11.20	7.61
Analysis <sup>77</sup> .....	19.56	3.63	8.64	43.77	10.87	13.53
Analysis.....	19.31	3.11	7.41	51.93	10.73	7.51
5 Star Laying Mash.....	20.00	3.70	7.50	44.00	.....	.....
Analysis.....	21.70	3.21	5.41	53.69	8.91	7.08
Analysis.....	21.09	2.09	5.69	54.55	9.64	6.94
Analysis.....	18.16	3.28	5.28	57.12	9.35	6.81
Analysis <sup>78</sup> .....	20.80	3.95	7.99	50.98	9.19	7.09
Analysis <sup>74</sup> .....	19.46	4.07	5.43	50.82	9.71	10.51
Analysis.....	18.10	3.48	6.72	52.28	11.29	8.13
Analysis <sup>78</sup> .....	21.08	3.73	5.95	51.58	10.06	7.60
Analysis <sup>73</sup> .....	21.00	3.69	6.96	52.06	10.58	5.71
Analysis <sup>73</sup> .....	20.58	3.70	5.36	52.08	11.31	6.97
Analysis <sup>73</sup> .....	20.49	3.62	7.12	50.74	11.19	6.84
Analysis <sup>73</sup> .....	19.75	4.27	7.11	50.42	12.39	6.06
Analysis <sup>73</sup> .....	20.58	4.20	6.67	48.78	10.37	9.40
Analysis <sup>73</sup> .....	19.45	2.93	5.95	54.84	11.58	5.25
Analysis <sup>73</sup> .....	18.69	2.83	4.52	56.91	11.84	5.21
Analysis.....	18.44	3.16	5.94	52.07	11.72	8.67
Analysis.....	17.36	3.43	4.37	56.33	11.75	6.76
Analysis.....	19.94	3.96	7.03	48.59	10.74	9.74
Analysis <sup>79</sup> .....	21.37	4.00	6.86	48.77	10.38	8.62
Analysis <sup>79</sup> .....	20.55	4.45	6.46	49.54	10.03	8.97
Analysis.....	21.27	2.31	4.94	53.43	9.55	8.50
Analysis <sup>73</sup> .....	22.30	4.31	7.26	48.88	8.90	8.35

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

72Excess of salt.

73Deficient in ground limestone.

74Deficient in ground limestone with excess of salt.

75Deficient in ground limestone and salt.

76Soybean oil meal found, not claimed.

77Sand present. Excess of ground limestone.

78Peanut meal found, not claimed.

79Incorrectly printed tags attached.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Burrus Feed Mills, Dallas, Texas, and Branches—Continued.</b>						
Texo All-Mash Starter.....	19.00	4.00	7.00	51.00	.....	.....
Analysis <sup>73</sup> .....	21.07	3.71	7.52	49.68	11.45	6.57
Analysis.....	19.69	3.52	5.62	53.55	10.39	7.23
Jumbo Brand Sweet Feed.....	9.00	2.50	20.00	42.00	.....	.....
Analysis <sup>80</sup> .....	8.48	1.84	28.92	36.10	9.31	15.35
Analysis.....	15.74	2.65	17.86	41.92	9.34	12.49
Burrus Developing Mash.....	19.00	3.50	6.50	46.50	.....	.....
Analysis.....	18.41	2.97	5.58	58.30	8.81	5.93
Analysis.....	19.89	3.05	5.31	56.64	10.45	4.66
Analysis.....	19.45	2.99	5.34	54.05	10.61	7.56
Analysis <sup>a k</sup> .....	18.60	2.93	5.21	56.98	10.60	5.68
Burrus B-Line Developing Mash.....	19.00	3.50	6.50	46.50	.....	.....
Analysis <sup>73</sup> .....	17.01	3.01	5.30	57.77	11.12	5.79
Analysis <sup>k</sup> .....	18.88	4.10	6.92	52.36	10.43	7.31
Analysis <sup>k</sup> .....	21.60	3.70	7.08	50.30	9.40	7.92
Analysis <sup>k</sup> .....	21.16	3.71	6.54	49.81	10.55	8.23
McCoy's Special Crimped Whole Oats, Alfalfa Meal, Ear Corn Chop with Husk, Molasses, Limestone, and Salt.....	8.30	2.00	14.00	52.00	.....	.....
Analysis <sup>81</sup> .....	10.82	2.78	12.76	55.87	9.94	7.83
Analysis <sup>82</sup> .....	12.25	2.65	11.75	51.82	12.36	9.17
Texo Turkey Starter.....	24.00	3.50	6.50	41.00	.....	.....
Analysis <sup>a81</sup> .....	22.25	4.67	7.67	49.26	9.99	6.16
Burrus B-Line Horse and Mule Feed.....	10.50	2.00	15.00	46.00	.....	.....
Analysis.....	13.43	3.54	7.01	59.36	10.31	6.35
5 Star Laying Mash Pellets.....	20.00	3.70	7.50	44.00	.....	.....
Analysis <sup>83 b</sup> .....	17.60	2.72	6.04	56.83	8.96	7.85
Analysis <sup>k</sup> .....	21.65	3.83	6.10	49.80	10.61	8.01
Burrus B-Line Pig and Hog Feed.....	14.00	3.00	6.00	58.00	.....	.....
Analysis.....	13.88	6.17	7.12	53.26	9.66	9.91
Analysis <sup>84</sup> .....	13.15	6.16	8.23	52.16	10.44	9.86
Analysis.....	18.23	2.91	5.81	54.51	10.87	7.67
Analysis.....	16.05	2.53	6.97	57.51	10.54	6.40
Analysis <sup>81</sup> .....	16.81	3.85	7.30	55.89	9.80	6.35
Analysis.....	14.35	3.00	3.84	64.15	10.06	4.60
Texo 16% Protein Range Feed.....	16.00	2.20	8.00	51.00	.....	.....
Analysis.....	15.44	2.81	6.63	56.77	10.06	8.29
Analysis <sup>85</sup> .....	16.35	2.05	7.56	54.85	11.97	7.22
Analysis <sup>86</sup> .....	17.86	2.62	7.63	54.79	9.26	7.84
Analysis <sup>87 b</sup> .....	18.18	3.15	6.49	54.98	8.50	8.70
Analysis <sup>87 b</sup> .....	17.35	2.57	6.23	55.90	10.27	7.68
Analysis.....	17.75	3.04	7.65	56.52	10.48	4.56
Analysis <sup>81</sup> .....	15.95	3.36	7.94	55.55	12.27	4.93
Texo 16% Protein Range Feed Pellets.....	16.00	2.20	8.00	51.00	.....	.....
Analysis.....	16.30	1.81	9.22	53.80	9.78	9.09
Analysis.....	17.23	1.97	6.59	57.04	10.04	7.13
Analysis <sup>a86</sup> .....	12.76	2.99	5.56	60.65	11.57	6.47
Analysis.....	16.03	3.59	7.26	54.07	11.39	7.66
Analysis <sup>88</sup> .....	16.39	3.51	6.80	53.85	12.29	7.16
Analysis <sup>89</sup> .....	16.68	2.94	6.93	54.81	8.97	9.67
Burrus Winter-Weight Laying Mash.....	18.00	3.50	7.50	48.00	.....	.....
Analysis.....	20.32	4.01	7.38	50.04	10.76	7.49

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>73</sup>Deficient in ground limestone.<sup>80</sup>Sand, corn and wheat screenings and peanut hulls found, not claimed. Excess of salt.<sup>81</sup>Deficient in ground limestone.<sup>82</sup>Wheat bran and rice hulls found, not claimed.<sup>83</sup>Not in pellet form. Excess of salt.<sup>84</sup>Cottonseed meal claimed, not found.<sup>85</sup>Rice hulls found, not claimed.<sup>86</sup>Excess of salt.<sup>87</sup>In pellet form.<sup>88</sup>Deficient in ground limestone and salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent				
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture Ash
<b>Burrus Feed Mills,</b>					
<b>Dallas, Texas, and Branches—Continued.</b>					
Texo 30% Protein Range Feed Pellets.....	30.00	2.20	9.00	34.50	9.30 8.96
Analysis <sup>89</sup> .....	19.96	2.35	5.30	54.13	9.30 8.96
Texo Turkey Breeder and Lay Mash Pellets...	19.00	3.50	8.00	46.00	9.10 7.91
Analysis <sup>90</sup> .....	21.29	4.03	5.76	51.91	9.10 7.91
Texo Turkey All-Mash Breeder Ration Pellets...	16.50	3.50	7.00	52.00	10.75 7.93
Analysis.....	18.64	3.87	6.80	52.01	10.75 7.93
Texo Calf Developer.....	16.50	3.20	13.50	47.50	12.55 9.57
Analysis <sup>91</sup> .....	16.20	3.87	10.73	47.08	12.55 9.57
Texo 16% Protein Dairy Feed.....	16.00	3.00	10.00	51.00	8.92 7.22
Analysis <sup>92</sup> .....	16.35	2.32	6.89	58.30	8.92 7.22
Analysis <sup>92</sup> .....	15.68	2.28	9.00	52.52	10.00 10.52
Analysis <sup>92</sup> .....	19.19	4.01	8.64	49.20	10.12 8.84
Analysis <sup>93</sup> .....	15.02	3.18	14.40	46.31	8.78 12.31
Analysis <sup>94</sup> .....	16.60	3.03	9.54	52.26	10.12 8.45
Analysis <sup>95</sup> .....	16.90	4.87	13.77	42.56	7.22 14.68
Analysis <sup>92</sup> .....	16.19	4.24	10.31	50.55	10.23 8.48
Analysis <sup>92</sup> .....	17.27	5.40	13.30	45.36	9.19 9.48
Analysis.....	16.30	3.49	9.65	49.82	11.61 9.13
Analysis <sup>88</sup> .....	16.18	2.83	8.95	54.03	11.95 6.06
Analysis <sup>81</sup> .....	17.00	3.19	11.94	47.08	11.44 9.35
Analysis <sup>96</sup> .....	16.72	3.08	8.58	51.28	10.83 9.51
Texo 26% Protein Supplement for Pigs and Hogs.....	26.00	3.00	9.00	42.00	9.39 12.74
Analysis.....	24.74	3.04	7.26	42.83	9.36 9.62
Analysis <sup>97</sup> .....	25.82	2.14	9.47	43.59	9.36 9.62
Analysis.....	27.02	4.22	6.56	46.27	6.16 9.77
Analysis <sup>98</sup> .....	24.11	1.63	6.11	49.37	8.98 9.80
Analysis <sup>99</sup> .....	29.80	4.94	8.69	33.76	9.25 13.56
Analysis <sup>100</sup> .....	23.95	4.58	7.63	43.30	9.96 10.58
Analysis.....	23.74	5.17	7.23	45.49	9.80 8.57
Analysis <sup>100</sup> .....	24.78	5.52	8.35	39.78	9.78 11.79
Analysis <sup>100</sup> .....	26.60	4.33	6.35	43.08	9.66 9.98
Analysis.....	27.85	3.55	8.28	44.32	9.98 6.02
Texo Turkey Growing Mash.....	21.50	4.00	6.00	44.00	9.93 7.73
Analysis <sup>101</sup> .....	21.11	4.17	7.66	49.40	9.93 7.73
Texo Turkey Growing Mash Pellets.....	21.50	4.00	6.00	44.00	9.20 6.41
Analysis <sup>101</sup> .....	19.71	3.90	6.14	54.64	9.20 6.41
Analysis.....	22.08	3.42	6.67	52.14	8.30 7.39
Texo 12% Protein Range Feed Pellets.....	12.00	2.80	9.00	55.00	11.00 7.09
Analysis.....	13.00	2.76	5.03	61.12	11.00 7.09
Charro 26% Protein Cattle Feed.....	26.00	3.80	10.00	38.50	10.98 8.74
Analysis.....	25.10	4.53	8.90	41.75	10.98 8.74
Texo Turkey Finishing Feed Pellets.....	14.00	2.50	7.70	55.00	8.77 6.63
Analysis.....	17.00	2.88	6.03	58.69	8.77 6.63
Burrus B-Line All-Mash Laying Ration.....	15.00	3.50	8.00	52.00	9.99 7.89
Analysis <sup>101</sup> .....	16.84	3.79	5.88	55.61	9.99 7.89

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

81Deficient in ground limestone.

88Deficient in ground limestone and salt.

89Wrong tags attached. Removed from sale and relabeled Texo 16% Protein Range Feed Pellets.

90Carbonate of lime found, not claimed.

91Incorrectly printed tags attached. Cottonseed meal found, not claimed.

92Incorrectly printed tags attached.

93Incorrectly printed tags attached. Adulterated with rice hulls.

94Incorrectly printed tags attached. Excess of ground limestone.

95Incorrectly printed tags attached. Rice bran found, not claimed. Excess of ground limestone.

96Linseed meal found, not claimed.

97Cottonseed meal and rice bran claimed, not found. Deficient in ground limestone.

98Rice bran claimed, not found.

99Rice bran claimed, not found.

100Deficient in ground limestone and salt.

101Deficient in ground limestone.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Burrus Feed Mills,</b> <b>Dallas, Texas, and Branches—Continued.</b>						
Burrus B-Line All-Mash Laying Ration Pellets.	15.00	3.50	8.00	52.00	.....	.....
Analysis <sup>k</sup> 102	18.86	3.66	6.29	51.10	13.65	6.44
Analysis <sup>k</sup>	20.17	3.58	6.73	52.32	9.06	8.14
<b>Burrus Mill &amp; Elevator Company,</b> <b>Fort Worth, Texas.</b>						
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00	.....	.....
Analysis	16.85	3.77	5.33	59.33	10.95	3.77
Analysis	16.71	3.63	5.12	58.81	11.83	3.90
Analysis	15.46	2.93	4.77	61.85	11.34	3.65
Analysis	16.95	3.59	5.38	56.76	13.33	3.99
Analysis	16.72	2.82	5.93	58.06	12.85	3.62
Analysis	16.33	3.43	4.89	58.91	12.94	3.50
Analysis	18.64	4.01	5.88	56.38	10.94	4.15
Corn Bran	8.00	5.00	12.00	60.00	.....	.....
Analysis	10.90	8.64	5.31	60.84	11.29	3.02
Wheat Bran and Screenings	14.50	3.00	10.00	50.00	.....	.....
Analysis	16.68	3.95	8.49	55.73	9.44	5.71
Analysis	16.95	4.13	10.45	52.10	9.94	6.43
Ground Wheat	12.00	2.00	3.00	70.00	.....	.....
Analysis	11.49	2.62	4.45	69.08	10.27	2.09
<b>Caddo-De Soto Cotton Oil Company, Inc.,</b> <b>Shreveport, Louisiana.</b>						
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00	.....	.....
Analysis	40.89	5.73	11.92	28.32	7.43	5.71
Analysis	40.76	5.63	12.27	27.39	8.35	5.60
<b>California Packing Corporation,</b> <b>San Francisco, California.</b>						
Calpak's Deep "C" Brand 62% Protein Steam						
Dried Sardine Meal	62.00	3.00	1.00	0.00	.....	.....
Analysis	67.30	3.34	.33	7.24	7.14	14.65
<b>Cameron Cotton Oil Company,</b> <b>Cameron, Texas.</b>						
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	.....	.....
Analysis	43.70	6.76	10.33	26.16	7.47	5.58
Analysis	42.53	6.57	11.42	26.12	7.60	5.76
Analysis	43.26	6.38	11.12	24.42	9.03	5.79
Analysis	44.06	6.89	8.87	26.29	7.96	5.93
<b>Canadian Mill &amp; Elevator Company,</b> <b>El Reno, Oklahoma.</b>						
Big "C" Egg Mash	18.00	4.00	8.00	47.00	.....	.....
Analysis	17.71	4.65	6.93	53.78	9.78	7.15
Canadian's Quality Brand Calf Meal	19.50	3.70	7.00	52.00	.....	.....
Analysis <sup>103</sup>	18.71	4.28	5.32	55.48	9.97	6.24
Canadian's Sure-Profit Brand Laying Mash	20.00	4.00	7.50	46.00	.....	.....
Analysis	20.40	4.52	4.45	51.30	10.62	8.71
Wheat Mixed Feed and Screenings	16.00	4.00	8.50	52.00	.....	.....
Analysis	17.42	4.00	8.22	53.56	11.34	5.46
Canadian's Big "C" All-Mash Chick Starter	17.50	3.60	7.00	51.00	.....	.....
Analysis	17.59	3.99	5.55	56.27	9.97	6.63
Wheat Bran and Screenings	15.00	3.50	10.00	50.00	.....	.....
Analysis <sup>a</sup>	17.00	3.81	7.24	55.05	11.64	5.26
<b>Caney Valley Cooperative Drying Association,</b> <b>Wharton, Texas.</b>						
Dehydrated Alfalfa Leaf Meal	20.00	2.50	18.00	40.00	.....	.....
Analysis	23.84	3.24	17.99	37.05	5.82	12.06

<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, <sup>d</sup>, <sup>e</sup>, <sup>f</sup>, <sup>g</sup>, <sup>h</sup>, <sup>i</sup>, <sup>j</sup>, <sup>k</sup>. —See legend at the beginning of this table.<sup>102</sup>Deficient in ground limestone with excess of salt.<sup>103</sup>Excess of ground limestone and salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Carmack Hatchery &amp; Feed Store,</b> <b>Floydada, Texas.</b>						
Chowmix Laying Mash J.....	18.00	3.50	8.00	48.00	.....	.....
Analysis <sup>104</sup> .....	19.44	3.60	4.54	56.80	9.98	5.64
Chowmix Growing Mash F.....	17.00	3.50	7.00	51.00	.....	.....
Analysis.....	18.60	4.13	5.30	55.40	9.95	6.62
<b>Carrollton Feed Mills,</b> <b>Carrollton, Texas.</b>						
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....
Analysis <sup>105</sup> .....	7.21	2.74	12.74	64.19	11.47	1.65
<b>Carter Millfeed Company, C. M.,</b> <b>Fort Worth, Texas.</b>						
Clear Wheat Flour.....	11.50	1.50	1.00	70.00	.....	.....
Analysis <sup>d a</sup> .....	13.30	1.38	.42	72.04	12.23	.63
Analysis.....	13.20	1.27	.40	73.02	11.47	.64
<b>Cassidy Feed Mill,</b> <b>Richardson, Texas.</b>						
Cow Feed.....	16.00	3.60	11.00	52.00	.....	.....
Analysis <sup>106</sup> .....	15.87	3.68	9.66	55.69	10.01	5.09
Analysis.....	13.52	3.98	11.79	54.41	10.65	5.65
Analysis <sup>107</sup> .....	16.90	3.87	9.50	51.93	12.08	5.72
Milo Meal.....	10.00	2.50	3.00	70.00	.....	.....
Analysis.....	11.08	3.04	1.95	71.54	10.87	1.52
Analysis.....	8.30	2.93	2.06	74.12	11.05	1.54
Ground Wheat.....	12.00	2.00	3.00	70.00	.....	.....
Analysis.....	10.86	2.03	3.51	71.48	10.25	1.87
Cassco Brand Ear Corn Chop with Husk, Wheat Bran and Limestone.....	8.50	2.90	10.50	62.30	.....	.....
Analysis.....	9.75	3.27	8.11	63.48	11.94	3.45
Utility Brand Mixed Feed.....	9.70	2.70	7.80	62.00	.....	.....
Analysis <sup>104</sup> .....	10.12	2.86	8.02	63.62	10.48	4.90
Analysis.....	10.00	2.85	8.25	62.09	11.28	5.53
<b>Casso, Guerra &amp; Company,</b> <b>Laredo, Texas.</b>						
Monterrey Brand 20% Protein Mixed Feed....	20.00	3.00	10.00	44.00	.....	.....
Analysis.....	22.91	5.09	9.11	46.98	6.83	9.08
<b>Castro County Grain Company, Inc.,</b> <b>Dimmitt, Texas.</b>						
Texas Pride Brand 16% Protein Dairy Feed...	16.00	3.00	9.00	53.00	.....	.....
Analysis.....	18.08	4.01	7.86	56.29	9.28	4.48
Texas Pride Brand Egg Mash.....	18.00	3.50	6.50	48.50	.....	.....
Analysis.....	20.07	3.70	5.48	55.98	8.29	6.48
Analysis.....	19.49	3.84	5.21	56.13	9.03	6.30
Texas Pride Brand Chick Starter Mash.....	17.00	3.50	6.80	52.50	.....	.....
Analysis.....	18.40	4.53	6.45	54.03	9.16	7.43
Texas Pride Brand Growing Mash.....	16.60	3.50	6.80	52.00	.....	.....
Analysis.....	17.59	4.45	5.60	54.02	10.50	7.84
Texas Pride Brand 9% Protein Sweet Feed....	9.00	1.60	17.00	50.00	.....	.....
Analysis <sup>j</sup> .....	11.07	1.67	10.09	54.72	12.35	10.10
<b>Cen-Tex Cooperative Oil Mill,</b> <b>Thorndale, Texas.</b>						
Cen-Tex 43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....
Analysis <sup>e</sup> .....	38.64	7.86	13.39	26.41	8.52	5.18
Analysis <sup>e</sup> .....	41.58	8.22	11.25	25.51	7.99	5.45
Analysis.....	42.58	8.27	10.93	25.39	7.33	5.50
Analysis <sup>e</sup> .....	41.32	7.40	11.88	25.79	8.15	5.46
Analysis.....	43.06	7.92	10.20	25.53	7.77	5.52
Analysis <sup>e</sup> .....	42.18	7.86	10.50	25.95	8.05	5.46

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>104</sup>Deficient in ground limestone.<sup>105</sup>Excess of corn husk. Excess of salt.<sup>106</sup>Deficient in ground oyster shell with excess of salt.<sup>107</sup>Deficient in ground oyster shell.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Cen-Tex Cooperative Oil Mill,</b> <b>Thorndale, Texas—Continued.</b>						
Cen-Tex 43% Protein Cottonseed Cake.....	43.00	5.20	12.00	23.00		
Analysis <sup>c</sup> .....	42.05	6.57	11.24	26.01	8.66	5.47
Analysis <sup>e</sup> .....	40.34	6.37	11.96	26.99	8.93	5.41
Analysis <sup>e</sup> .....	40.58	6.24	13.49	26.60	7.86	5.23
Analysis.....	43.75	7.24	10.00	24.52	9.00	5.49
<b>Central Feed &amp; Seed Company,</b> <b>Austin, Texas.</b>						
Royal Brand Chick Starter.....	17.00	3.50	5.50	53.00		
Analysis <sup>108</sup> .....	17.10	6.18	7.53	49.64	11.11	8.44
Royal Brand Growing Mash.....	16.50	3.50	6.30	52.50		
Analysis.....	17.05	5.72	7.91	50.96	11.03	7.33
Analysis <sup>108</sup> .....	19.58	4.98	8.76	46.74	10.23	9.71
50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00		
Analysis.....	48.48	16.74	1.89	.41	5.87	26.61
Analysis <sup>e</sup> .....	47.30	13.28	2.62	6.22	7.44	23.14
Royal Brand 15% Protein Dairy Ration.....	15.00	3.50	18.00	41.00		
Analysis <sup>109</sup> .....	15.24	6.37	17.95	41.85	9.82	8.77
Analysis <sup>110</sup> .....	15.40	3.35	21.04	37.88	10.27	12.06
Royal Brand Laying Mash.....	18.70	3.60	8.00	48.50		
Analysis <sup>1108</sup> .....	17.60	4.36	7.15	52.47	10.17	8.25
Royal Brand Laying Mash.....	19.00	4.00	8.00	46.50		
Analysis.....	18.30	5.16	6.50	48.81	10.16	11.07
Analysis.....	17.06	6.04	6.22	50.35	10.32	10.01
Analysis <sup>111</sup> .....	17.64	6.72	8.12	48.68	9.80	9.04
Analysis <sup>111</sup> .....	18.20	4.90	7.05	52.49	9.22	8.14
Bulky Brand Cow Feed.....	12.50	2.50	25.50	39.00		
Analysis.....	11.81	3.19	32.71	31.70	7.95	12.64
Huske Brand Hog and Pig Feed.....	15.00	4.50	8.00	53.00		
Analysis.....	13.01	8.25	7.74	49.52	9.42	12.06
Analysis <sup>111</sup> .....	16.28	4.81	5.55	56.93	9.53	6.90
<b>Central Seed &amp; Feed Store,</b> <b>Wichita Falls, Texas.</b>						
Central 18% Protein Dairy Feed.....	18.00	3.40	7.50	48.50		
Analysis.....	17.51	3.45	6.77	52.90	11.25	8.12
<b>Chapman Mill &amp; Grain Company,</b> <b>Hondo, Texas.</b>						
Very Good Brand Ear Corn Chop with Husk..	8.00	3.00	10.00	65.00		
Analysis.....	7.50	3.02	10.15	66.33	10.78	2.22
Texas Brand Cow Feed.....	18.00	4.00	12.00	49.00		
Analysis <sup>112</sup> .....	13.85	3.31	13.37	54.79	9.88	4.80
Analysis <sup>112</sup> .....	16.03	3.43	9.81	54.86	10.45	5.42
Texas Brand 16% Protein Cow Feed.....	16.00	3.50	13.30	46.30		
Analysis.....	14.60	2.88	11.74	52.26	10.79	7.73
Analysis <sup>113</sup> .....	16.72	4.05	8.86	53.95	10.48	5.94
Texas Brand Laying Mash.....	19.00	3.60	8.00	45.00		
Analysis.....	20.27	4.88	7.50	47.83	11.24	8.28
<b>Checkerboard Feed Store,</b> <b>Dallas, Texas.</b>						
Chownix Sow and Pig Feed H.....	15.00	3.00	8.00	52.00		
Analysis.....	18.30	4.42	6.55	55.92	9.86	4.95

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>108</sup>Rice bran found, not claimed.<sup>109</sup>Deficient in ground limestone and salt.<sup>110</sup>Deficient in ground limestone.<sup>111</sup>Linseed meal found, not claimed.<sup>112</sup>Carbonate of lime found, not claimed.<sup>113</sup>Deficient in ground oyster shell and salt.

**Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued**

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Chickasha Cotton Oil Company, Chickasha, Oklahoma.</b>						
Chickasha Quality Brand 43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....
Analysis <i>c</i> .....	41.36	6.36	11.91	29.32	5.65	5.40
Analysis <i>c</i> .....	40.56	7.23	12.21	28.61	6.01	5.38
Analysis <i>c</i> .....	41.64	7.39	12.53	27.30	5.89	5.25
Analysis <i>c</i> .....	41.05	7.11	12.60	27.86	5.95	5.43
Analysis <i>c</i> .....	41.79	6.45	11.07	28.17	6.96	5.56
Analysis <i>c</i> .....	42.48	6.70	11.46	26.18	7.80	5.38
Chickasha Quality Brand 43% Protein Cottonseed Cake.....	43.00	5.20	12.00	25.00	.....	.....
Analysis <i>c</i> .....	41.35	6.01	12.23	28.64	6.24	5.53
Analysis <i>c</i> .....	42.49	5.58	11.48	28.52	6.85	5.08
Analysis <i>c</i> .....	41.62	6.21	11.90	28.19	6.73	5.35
Analysis <i>c</i> .....	42.94	5.89	11.32	28.00	6.43	5.42
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00	.....	.....
Analysis.....	45.08	6.49	5.72	30.94	6.19	5.58
Analysis.....	43.10	6.08	5.78	30.36	9.26	5.42
Analysis.....	43.28	6.70	6.34	30.90	7.22	5.56
Analysis.....	42.45	5.79	5.75	30.57	9.69	5.75
41% Protein Soybean Oil Pellets.....	41.00	5.00	6.00	28.00	.....	.....
Analysis.....	43.49	5.56	5.15	28.87	11.25	5.68
Analysis <sup>114</sup> .....	45.77	5.93	5.85	29.73	7.10	5.62
Hullburr Brand Mixed Feed.....	13.50	2.50	32.50	37.50	.....	.....
Analysis <sup>115</sup> .....	10.64	2.27	35.24	39.78	7.15	4.92
41% Protein Coarse Soybean Oil Meal.....	41.00	5.00	6.00	28.00	.....	.....
Analysis.....	43.23	6.85	5.80	31.01	7.23	5.88
45% Protein Peanut Meal.....	45.00	6.00	10.00	23.00	.....	.....
Analysis <sup>d a</sup> .....	44.97	7.43	9.80	26.33	7.41	4.06
Analysis <i>a c</i> .....	43.93	7.33	10.33	26.24	7.61	4.56
<b>Chic-O-Line Feed Mills, Hobart, Oklahoma.</b>						
Chic-O-Line Turkey Starter.....	24.00	4.00	6.00	42.00	.....	.....
Analysis.....	22.58	4.12	4.03	49.24	10.68	9.35
Jersey Delight Brand Dairy Feed.....	16.00	3.50	9.00	50.00	.....	.....
Analysis.....	17.64	3.52	7.33	53.89	12.23	5.39
Hotshot Cow Feed.....	13.00	2.00	22.00	45.00	.....	.....
Analysis.....	14.11	2.17	18.39	46.45	9.05	9.83
Chic-O-Line Baby Chick Starter.....	17.00	3.50	6.00	53.00	.....	.....
Analysis.....	16.33	3.65	5.37	56.89	12.40	5.36
Analysis.....	16.72	4.01	5.15	56.96	11.58	5.58
Chic-O-Line Egg Mash.....	20.00	3.50	7.00	47.00	.....	.....
Analysis.....	17.22	3.75	4.71	58.50	9.89	5.93
Analysis.....	16.79	3.48	3.80	60.69	9.36	5.88
Chic-O-Line Growing Mash.....	17.00	3.50	7.00	50.00	.....	.....
Analysis.....	16.95	3.70	5.83	55.93	11.29	6.30
Chic-O-Line All-Mash Laying Ration.....	17.00	4.00	6.40	53.00	.....	.....
Analysis.....	16.92	3.83	4.96	59.12	9.59	5.58
Chic-O-Line Breeder Mash.....	20.00	3.50	7.50	46.50	.....	.....
Analysis <sup>116</sup> .....	19.87	3.85	6.61	51.09	10.46	8.12
<b>Childress Cotton Oil Mill, Inc., Childress, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....
Analysis <i>c</i> <sup>117</sup> .....	39.76	6.30	12.47	28.46	7.46	5.55
Analysis <i>c</i> .....	42.34	6.08	11.85	27.15	7.05	5.53
Analysis <sup>118</sup> .....	42.65	5.89	12.49	27.90	5.45	5.62

*a, b, c, d, e, f, g, h, i, j, k.* —See legend at the beginning of this table.<sup>114</sup>Short in weight. Not in pellet form. Removed from sale and relabeled. Refund paid to cover shortage of feed.<sup>115</sup>Two tons of shipment removed from sale until properly tagged.<sup>116</sup>Deficient in ground limestone.<sup>117</sup>One and one-fourth tons removed from sale and relabeled 38.56% Protein Ground Cottonseed Feed.<sup>118</sup>Excess cottonseed hulls.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Childress Cotton Oil Mill, Inc., Childress, Texas—Continued.</b>						
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	42.52	6.80	5.89	31.39	7.61	5.79
Analysis.....	44.33	5.15	6.03	30.36	8.73	5.40
<b>Chillicothe Cotton Oil Company, Chillicothe, Texas.</b>						
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>c</sup> .....	40.45	5.74	11.97	28.26	7.10	6.48
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....
Analysis.....	44.09	6.75	9.53	27.30	6.87	5.46
43% Protein Cracked Cottonseed Cake.....	43.00	5.20	12.00	25.00	.....	.....
Analysis <sup>c</sup> .....	41.35	6.15	11.56	28.61	6.49	5.84
<b>City of Abilene, The, Abilene, Texas.</b>						
Clover Leaf Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....
Analysis.....	47.98	12.37	2.89	3.93	6.67	26.16
Analysis.....	50.03	13.15	2.62	2.52	6.85	24.83
<b>Clark Feed Store, W. W., Stamford, Texas.</b>						
W. W. Clark 6 Plus 6 Cow Feed.....	19.00	4.00	12.00	49.00	.....	.....
Analysis <sup>119</sup> .....	15.01	3.29	6.87	58.72	10.00	6.11
Analysis <sup>120</sup> .....	16.02	3.62	8.22	56.49	10.04	5.61
Analysis.....	20.38	4.00	10.76	48.54	10.30	6.02
Analysis.....	20.61	4.20	8.79	51.12	9.18	6.10
W. W. Clark 6 Plus 6 Laying Mash.....	19.00	4.00	5.50	46.00	.....	.....
Analysis.....	22.34	4.77	5.04	47.80	11.35	8.70
Analysis <sup>121</sup> .....	22.14	4.89	4.69	49.98	8.59	9.71
W. W. Clark 6 Plus 6 Starter-Grower Mash.....	17.00	3.50	6.50	50.00	.....	.....
Analysis.....	18.12	4.02	4.94	55.03	9.16	8.73
W. W. Clark Special Dry Cow Feed.....	11.70	3.00	16.30	49.00	.....	.....
Analysis.....	12.84	2.51	14.49	50.30	10.56	9.30
<b>Clark's Feed Store, Henry, Stephenville, Texas.</b>						
Henry Clark's Laying Mash.....	19.50	3.70	5.50	45.00	.....	.....
Analysis.....	18.72	3.70	2.71	55.92	11.39	7.56
Analysis.....	20.67	5.40	4.38	52.53	9.84	7.18
<b>Clarksville Cotton Oil Company, Clarksville, Texas.</b>						
Clarko 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	44.17	5.99	9.90	26.51	7.33	6.10
Analysis <sup>c</sup> .....	41.40	6.01	10.82	26.83	9.06	5.88
Clarko 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	43.00	7.68	9.27	27.61	6.36	6.08
Analysis.....	43.74	6.45	9.68	26.76	7.02	6.35
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....
Analysis <sup>122</sup> .....	44.70	5.66	5.54	29.89	8.51	5.70
<b>Clarksville Milling Company, Clarksville, Texas.</b>						
Red Border Egg Mash.....	18.00	3.50	8.00	50.00	.....	.....
Analysis.....	18.49	3.88	4.47	55.83	10.15	7.18
Red Border 18% Protein Dairy Feed.....	18.00	3.00	12.50	46.00	.....	.....
Analysis <sup>1</sup> .....	17.75	3.84	10.88	50.24	9.96	7.33
Analysis <sup>2</sup> .....	17.41	3.29	11.10	48.94	11.32	7.94
Analysis.....	19.50	2.90	12.30	45.87	8.25	11.18

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>119</sup>Excess of salt.<sup>120</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>121</sup>Soybean oil meal found, not claimed.<sup>122</sup>Incorrectly printed tags attached.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Clement Grain Company,</b> Waco, Texas.						
Ground Whole Oats.....	11.00	4.00	12.00	58.00		
Analysis <sup>123</sup> .....	12.53	3.13	6.57	62.66	12.34	2.77
Border Brand Laying Mash.....	18.00	3.50	8.00	49.00		
Analysis <sup>124</sup> .....	18.94	4.77	7.49	52.02	10.01	6.77
Cen-Tex Horse Feed.....	10.00	3.00	9.50	60.00		
Analysis <sup>125</sup> .....	11.10	4.38	9.27	57.86	12.09	5.30
Cen-Tex 18% Protein Dairy Cow Feed.....	18.00	3.40	12.00	49.00		
Analysis.....	18.30	4.52	10.81	47.87	11.25	7.25
Analysis.....	17.05	3.45	9.88	50.67	11.87	7.08
Analysis <sup>126</sup> .....	18.40	3.67	9.76	48.26	11.53	8.38
Analysis.....	20.46	3.47	12.35	47.02	8.97	7.73
Cen-Tex 16% Protein Dairy Feed.....	16.00	3.50	14.00	49.00		
Analysis.....	18.34	3.50	11.48	47.50	11.54	7.64
Analysis.....	17.52	2.87	15.70	47.90	8.73	7.28
<b>Cole Feed Company,</b> Dallas, Texas.						
Diamond Brand Egg Mash.....	18.00	3.50	7.00	49.00		
Analysis <sup>127</sup> .....	17.39	2.58	5.11	58.17	10.34	6.41
Cole's Dairy Feed.....	16.00	3.00	14.50	46.00		
Analysis.....	14.10	2.78	17.41	50.32	7.76	7.63
Analysis.....	17.70	2.81	10.54	51.69	9.97	7.29
<b>Coleman Cotton Oil Mill,</b> Coleman, Texas.						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00		
Analysis <sup>c</sup> .....	41.76	6.56	12.00	26.96	7.17	5.55
Panther Brand Laying Mash.....	19.00	3.50	8.00	48.00		
Analysis.....	19.00	3.82	6.45	52.44	9.72	8.57
Analysis.....	20.56	3.68	5.98	52.16	9.32	8.30
Analysis.....	20.15	3.60	5.96	52.44	9.41	8.44
Cotton Bloom Brand 32% Protein Concentrate for Laying Hens.....	32.00	5.00	7.00	27.00		
Analysis.....	28.18	5.33	5.34	37.33	7.55	16.27
Analysis <sup>128</sup> .....	28.48	5.33	6.37	33.59	8.06	18.17
Analysis <sup>e</sup> .....	30.02	4.78	5.55	35.72	9.21	14.72
Cotton Bloom Brand 32% Protein Concentrate for Laying Hens.....	32.00	4.00	7.50	27.00		
Analysis <sup>129</sup> .....	34.14	5.95	5.83	30.10	8.36	15.62
Cotton Bloom Brand 41% Protein Supplement for Hogs.....	41.00	4.00	14.00	20.00		
Analysis.....	38.96	7.08	9.92	24.93	6.23	12.88
Analysis.....	40.25	5.83	11.25	22.89	8.67	11.11
Analysis.....	41.94	6.57	8.95	22.13	7.99	12.42
Cotton Bloom Brand Chick Starter Mash.....	19.00	4.00	6.50	46.00		
Analysis <sup>f</sup> .....	18.44	3.63	6.13	53.76	10.94	7.10
Cotton Bloom Brand Growing Mash.....	18.00	3.50	7.00	49.00		
Analysis.....	18.59	3.82	6.38	53.57	10.61	7.03
Cotton Bloom Brand 20% Protein Range Feed.....	20.00	3.50	12.00	42.00		
Analysis <sup>g</sup> .....	21.41	4.55	11.45	45.90	8.01	8.68
Analysis.....	21.94	3.96	11.04	43.72	10.68	8.66
41% Protein Soybean Oil Cake.....	41.00	5.00	6.00	28.00		
Analysis.....	44.86	5.74	5.52	29.17	8.84	5.87

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>123</sup>Contained corn meal.<sup>124</sup>Deficient in ground oyster shell and salt.<sup>125</sup>Deficient in ground limestone with excess of salt.<sup>126</sup>Soybean oil meal found, not claimed.<sup>127</sup>Excess of ground limestone and salt.<sup>128</sup>Excess of ground oyster shell and salt.<sup>129</sup>Deficient in ground oyster shell with excess of salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Collin County Cotton Oil Company, McKinney, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	43.18	6.91	10.85	26.58	7.02	5.46
Analysis.....	42.52	6.23	10.18	27.76	7.81	5.50
Analysis.....	44.31	6.83	9.96	25.26	8.05	5.59
Analysis.....	43.22	6.76	10.08	25.97	8.28	5.69
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	44.57	5.37	5.75	30.77	8.04	5.50
<b>Comet Rice Mills, Beaumont, Texas.</b>						
Rice Bran containing Limestone.....	13.00	13.00	15.00	38.00	.....	.....
Analysis.....	10.76	11.16	17.94	36.31	9.49	14.34
<b>Commander-Larabee Milling Company, Kansas City, Missouri.</b>						
Sunfed Brand 18% Protein Dairy Feed.....	18.00	3.00	9.00	45.00	.....	.....
Analysis <sup>130</sup> .....	19.50	3.66	6.78	51.91	11.59	6.56
Analysis.....	18.25	3.63	6.85	53.75	9.84	7.68
Sunfed Brand 24% Protein Dairy Feed.....	24.00	3.00	9.00	45.00	.....	.....
Analysis <sup>131</sup> .....	23.59	4.27	8.07	47.02	9.53	7.52
<b>Commerce Oil Mill Company, Commerce, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	43.13	6.37	9.03	27.29	8.14	6.04
Analysis.....	42.76	6.11	11.46	26.28	7.82	5.57
Analysis.....	43.01	6.70	9.85	26.71	8.20	5.53
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	45.29	5.54	5.64	29.90	8.34	5.29
<b>Community Milling Company, El Paso, Texas.</b>						
Victory Chick Starter.....	17.00	4.50	5.60	52.80	.....	.....
Analysis <sup>132</sup> .....	15.30	5.37	4.27	58.73	10.16	6.17
Analysis.....	21.05	7.17	3.59	50.07	9.27	8.85
Victory Laying Mash.....	18.00	4.00	7.00	51.00	.....	.....
Analysis.....	16.73	4.45	6.16	58.40	9.05	5.21
Analysis.....	17.46	4.53	5.45	57.08	9.53	5.95
Analysis.....	18.95	4.43	6.53	54.89	8.67	6.53
Community Dairy Feed.....	15.00	3.80	8.20	55.00	.....	.....
Analysis <sup>132</sup> .....	16.37	3.57	7.66	58.41	9.05	4.94
Analysis <sup>133</sup> .....	17.16	3.90	10.10	53.46	9.05	6.33
Victory Growing Mash.....	15.70	3.50	8.00	53.00	.....	.....
Analysis <sup>132</sup> .....	15.00	4.78	6.12	57.73	10.78	5.59
Analysis.....	15.70	5.48	5.52	59.27	8.50	5.53
<b>Consolidated Flour Mills Company, The, Wichita, Kansas.</b>						
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....
Analysis.....	16.70	4.63	10.41	51.91	9.07	7.28
Wheat Gray Shorts and Screenings.....	17.00	3.50	6.00	55.00	.....	.....
Analysis.....	18.31	4.22	5.98	56.16	10.96	4.37
<b>Consumers' Cooperatives Associated, Amarillo, Texas, and Branches.</b>						
Blue Label Laying Mash.....	18.00	3.50	8.00	37.00	.....	.....
Analysis <sup>134</sup> .....	19.13	3.03	6.14	56.75	8.48	6.47

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>130</sup>Incorrectly printed tags attached.<sup>131</sup>Deficient in ground limestone.<sup>132</sup>Salt added, not claimed.<sup>133</sup>Rice hulls and rolled whole barley found, not claimed.<sup>134</sup>Short in weight. Even weighted to 100 pounds net in presence of Inspector. Deficient in ground limestone.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Consumers' Cooperatives Associated, Amarillo, Texas, and Branches—Cont.</b>						
Co-Op Brand Hog Feed.....	16.50	3.30	7.00	49.00	.....	.....
Analysis <sup>135</sup> .....	16.64	3.53	5.87	60.15	8.38	5.43
Red Label 18% Protein Dairy Feed.....	18.00	3.00	12.00	47.00	.....	.....
Analysis <sup>136</sup> .....	18.38	3.44	10.00	50.30	10.40	7.48
Co-Op Brand 18% Protein Range Pellets.....	18.00	2.50	14.00	43.00	.....	.....
Analysis <sup>137</sup> .....	23.36	3.98	12.72	38.82	10.66	10.46
<b>Continental Oil-Cotton Company, Colorado City, Texas.</b>						
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	42.37	7.54	5.43	30.83	8.16	5.67
<b>Cooper Cotton Oil Company, Cooper, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	42.64	5.82	10.71	26.62	8.19	6.02
Analysis.....	44.48	5.92	9.03	25.81	8.47	6.29
Analysis.....	43.25	6.61	9.53	25.16	9.42	6.03
Analysis.....	43.15	6.12	10.48	26.26	7.86	6.13
<b>Cooper Feed &amp; Seed Company, Hillsboro, Texas.</b>						
Cooper's Laying Mash.....	18.50	3.80	6.50	51.00	.....	.....
Analysis.....	16.30	2.91	3.28	63.17	11.19	3.15
Cooper's Complete All-Mash Laying Ration.....	15.00	3.50	5.00	61.00	.....	.....
Analysis <sup>138</sup> .....	14.10	2.53	3.42	65.07	11.74	3.14
<b>Corn Products Refining Company, New York, New York.</b>						
Buffalo Corn Gluten Feed.....	23.00	2.00	8.50	46.00	.....	.....
Analysis.....	22.54	2.60	7.75	49.33	11.75	6.03
Analysis.....	23.89	1.67	8.33	46.83	11.76	7.52
Diamond 41% Protein Corn Gluten Meal.....	41.00	1.00	6.00	38.00	.....	.....
Analysis.....	41.95	2.50	4.03	37.72	9.29	4.51
<b>Corpus Christi Cotton Oil Mill, Corpus Christi, Texas.</b>						
34% Protein Linseed Meal.....	34.00	6.00	9.00	35.00	.....	.....
Analysis.....	34.50	6.15	9.92	37.31	6.67	5.45
Analysis.....	36.42	7.56	9.06	34.13	7.73	5.10
Analysis.....	38.45	4.48	8.53	35.68	7.44	5.42
Analysis.....	37.75	5.47	8.85	34.51	7.80	5.62
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	42.25	6.22	10.02	27.91	8.35	5.25
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	41.49	6.99	5.88	30.26	10.02	5.36
Analysis.....	43.30	6.12	4.78	29.88	10.28	5.64
<b>Corsicana Feed &amp; Seed Company, Corsicana, Texas.</b>						
Mixed Feed.....	12.50	2.20	4.50	66.00	.....	.....
Analysis <sup>138</sup> .....	13.28	7.72	5.94	53.49	11.26	8.31
Master-Mix Brand 16% Protein Dairy Feed.....	16.00	3.00	13.50	49.00	.....	.....
Analysis <sup>139</sup> .....	15.10	3.56	13.10	51.62	10.96	5.66
13% Protein Cow Feed.....	13.00	2.00	33.00	34.50	.....	.....
Analysis <sup>140</sup> .....	13.74	2.84	22.89	41.10	11.27	8.16

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>135</sup>Deficient in ground limestone.<sup>136</sup>Ground oats and defluorinated superphosphate found, not claimed.<sup>137</sup>Excess of ground limestone and salt.<sup>138</sup>Rice bran, corn meal and carbonate of lime found, not claimed.<sup>139</sup>Deficient in ground oyster shell with excess of salt.<sup>140</sup>Rice hulls found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Coryell County Cotton Oil Company, Gatesville, Texas.</b>						
Golden Gate Special Laying Mash.....	18.00	3.50	7.00	50.50	.....	.....
Analysis.....	20.19	3.51	6.39	53.22	9.15	7.54
Analysis.....	16.01	4.28	6.24	55.55	10.96	6.96
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>a</sup> .....	44.43	6.44	9.35	26.17	8.06	5.55
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	43.66	5.26	11.30	27.24	6.87	5.67
Analysis <sup>c</sup> .....	40.61	7.77	12.19	27.48	6.65	5.30
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....
Analysis.....	8.00	2.80	11.14	64.65	11.38	2.03
Golden Gate 20% Protein Dairy Feed.....	20.00	4.50	12.50	42.70	.....	.....
Analysis <sup>141</sup> .....	17.85	3.03	15.10	43.35	11.22	9.45
Analysis.....	18.01	3.25	15.03	44.40	9.78	9.53
Analysis <sup>140</sup> .....	18.15	3.49	12.38	44.80	12.42	8.76
Analysis <sup>142</sup> .....	19.61	3.30	11.48	45.75	12.88	6.98
Golden Gate 16% Protein Dairy Ration.....	16.00	3.70	16.40	40.50	.....	.....
Analysis <sup>143</sup> .....	14.08	2.61	16.44	46.00	10.61	10.26
Golden Gate All-Mash Laying Ration.....	15.50	3.50	7.50	56.00	.....	.....
Analysis.....	16.80	3.40	5.60	56.43	10.49	7.28
Golden Gate Rice Hulls and Soybean Oil Meal Mix.....	13.00	1.80	29.00	29.00	.....	.....
Analysis <sup>144</sup> .....	12.91	1.82	30.53	29.27	8.29	17.18
<b>Cotterly Hatchery &amp; Feed Store, Wichita Falls, Texas.</b>						
Cotterly's Big C Brand Chick Starter Mash...	17.00	3.50	6.00	52.00	.....	.....
Analysis <sup>145</sup> .....	20.10	4.78	5.78	52.89	10.17	6.28
Cotterly's Big C Brand Growing Mash.....	16.30	3.50	6.00	53.00	.....	.....
Analysis.....	17.01	3.91	6.32	56.09	10.60	6.07
Cotterly's Big C Brand Super-Egg Mash.....	20.30	3.50	6.50	47.50	.....	.....
Analysis.....	21.60	5.01	6.59	49.54	9.02	8.24
<b>Crawford Grain Company, Houston, Texas.</b>						
Money-Maker Brand Mixed Cow Feed.....	21.00	3.50	14.00	40.00	.....	.....
Analysis.....	21.18	4.19	9.96	44.89	11.38	8.40
Analysis.....	20.91	4.58	10.64	44.15	12.35	7.37
Crawford's Special Dairy Feed.....	18.00	3.50	13.00	46.00	.....	.....
Analysis <sup>a</sup> .....	18.35	3.40	11.05	49.78	11.97	5.45
Money-Maker Brand Growing Mash.....	17.00	3.50	6.00	50.00	.....	.....
Analysis.....	20.05	4.46	5.78	49.36	10.63	9.72
Money-Maker Brand Egg Mash.....	20.00	3.70	6.50	47.00	.....	.....
Analysis.....	22.23	4.71	6.43	45.56	11.75	9.32
Money-Maker Brand Hog Feed.....	20.00	3.00	5.00	47.50	.....	.....
Analysis.....	19.40	4.27	4.38	48.66	13.27	10.02
Big Six Brand Stock Feed.....	9.00	2.00	17.00	53.00	.....	.....
Analysis <sup>146</sup> .....	12.15	5.87	12.19	50.19	12.24	7.36
Money-Maker Brand Starter Mash.....	18.00	3.70	5.00	51.00	.....	.....
Analysis.....	18.05	4.39	6.25	50.79	11.29	9.23
Sheldon's Start-to-Finish Mash.....	19.00	4.00	5.50	47.00	.....	.....
Analysis.....	20.51	4.05	5.23	51.30	10.42	8.49
<b>Creech, W. M., Olney, Texas.</b>						
Olney Maid Laying Mash.....	19.50	4.00	7.00	46.00	.....	.....
Analysis.....	19.68	4.81	5.85	49.65	10.61	9.40

<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, <sup>d</sup>, <sup>e</sup>, <sup>f</sup>, <sup>g</sup>, <sup>h</sup>, <sup>i</sup>, <sup>j</sup>, <sup>k</sup>. —See legend at the beginning of this table.<sup>140</sup>Rice hulls found, not claimed.<sup>141</sup>Rice bran claimed, not found. Rice hulls found, not claimed.<sup>142</sup>Deficient in ground limestone with excess of salt.<sup>143</sup>Ear corn chop with husk found, not claimed.<sup>144</sup>Cottonseed meal found, not claimed.<sup>145</sup>Deficient in ground limestone.<sup>146</sup>Rice bran, citrus pulp, alfalfa meal, and carbonate of lime found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Crete Mills, The, Crete, Nebraska.</b>						
Victor Brand Dairy Feed.....	16.70	3.00	6.50	50.70	13.02	10.51
Analysis <sup>147</sup> .....	14.39	2.28	13.06	46.74	13.02	10.51
Victor Brand Dairy Feed Pellets.....	16.70	3.00	6.50	50.70	13.02	10.51
Analysis <sup>148</sup> .....	15.76	3.30	14.06	44.01	10.38	12.49
Victor Brand Horse and Mule Feed.....	10.00	2.00	12.50	54.00	10.35	8.21
Analysis <sup>149</sup> .....	13.05	2.99	6.36	59.04	10.35	8.21
Analysis <sup>150</sup> .....	12.15	2.35	12.19	54.21	10.56	8.54
<b>Crockett Cotton Oil Company, Crockett, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	7.33	5.97
Analysis <sup>e</sup> .....	41.17	6.28	10.87	28.38	7.33	5.97
Analysis <sup>e e</sup> .....	42.14	6.67	10.40	27.50	7.19	6.10
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	7.03	6.15
Analysis <sup>j e</sup> .....	41.66	8.76	10.76	24.85	8.03	5.94
Analysis.....	43.00	7.89	9.63	26.30	7.03	6.15
Analysis.....	42.99	7.54	9.12	26.24	8.12	5.99
43% Protein Cracked Cottonseed Cake.....	43.00	5.20	12.00	23.00	6.70	5.85
Analysis.....	44.76	6.57	10.07	26.05	6.70	5.85
<b>Crofts, Geo., Johnson City, Texas.</b>						
J. C. Laying Mash.....	20.00	3.70	6.50	44.50	12.31	8.78
Analysis.....	20.49	4.91	6.70	46.81	12.31	8.78
<b>Crowley Feed Company, San Antonio, Texas.</b>						
Crowley's 20% Protein Laying Mash.....	20.00	3.60	6.80	46.00	11.75	6.63
Analysis.....	18.01	3.85	5.00	54.76	11.38	5.52
Analysis <sup>151</sup> .....	17.45	4.20	4.96	56.49	11.38	5.52
Analysis.....	20.10	4.13	5.65	52.58	9.69	7.85
Crowley's 18% Protein Dairy Feed.....	18.00	3.00	11.20	46.50	11.22	6.98
Analysis <sup>152</sup> .....	12.53	2.37	7.04	59.86	10.64	7.27
Analysis.....	13.70	3.06	8.14	57.19	11.54	5.60
Analysis <sup>153</sup> .....	15.32	4.06	9.90	53.58	12.92	7.48
Analysis.....	17.18	3.31	10.38	48.73	10.27	7.06
Analysis.....	18.21	4.09	9.58	50.79	10.27	7.06
Crowley's 17.50% Protein All-Mash Starter.....	17.50	3.50	5.60	49.00	9.44	8.77
Analysis <sup>154</sup> .....	19.70	3.56	5.92	52.61	13.17	6.04
Analysis <sup>155</sup> .....	17.70	4.73	4.39	53.97	13.17	6.04
Crowley's 16% Protein All-Mash Growing Ration.....	16.00	3.50	6.30	51.00	10.39	7.22
Analysis <sup>156</sup> .....	17.39	2.99	5.47	56.54	10.39	7.22
Analysis <sup>155</sup> .....	21.85	4.21	5.78	51.58	9.79	6.79
Crowley's 24% Protein Dairy Feed.....	24.00	3.80	10.40	40.00	10.24	6.05
Analysis.....	15.92	2.83	7.64	57.32	10.09	8.92
Analysis.....	20.20	3.87	8.35	48.57	12.87	7.65
Analysis.....	23.23	4.01	9.15	43.09	10.45	6.85
3 Star Brand 18% Protein Laying Mash.....	18.00	3.50	6.00	53.50	10.14	6.74
Analysis.....	16.43	2.70	4.64	58.93	9.92	6.81
Analysis.....	19.00	2.98	4.40	56.74	9.92	6.81
Analysis.....	20.17	4.58	5.05	53.47	9.92	6.81

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>147</sup>Incorrectly printed tags attached. Adulterated with rice hulls. Pulverized whole oats claimed, not found.<sup>148</sup>Adulterated with rice hulls. Excess of salt.<sup>149</sup>Soybean oil meal found, not claimed.<sup>150</sup>Carbonate of lime found, not claimed.<sup>151</sup>Deficient in salt.<sup>152</sup>Cottonseed meal and linseed meal claimed, not found.<sup>153</sup>Rice hulls found, not claimed. Deficient in ground oyster shell.<sup>154</sup>Cottonseed meal and rice bran found, not claimed.<sup>155</sup>Deficient in ground oyster shell.<sup>156</sup>Rice bran found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Crowley Feed Company, San Antonio, Texas—Continued.</b>						
Crowley's Broiler Mash.....	19.00	3.70	6.00	47.50	.....	.....
Analysis <sup>157</sup> .....	19.29	2.88	5.18	56.22	9.81	6.62
Analysis <sup>158</sup> .....	21.15	3.21	5.56	54.59	9.28	6.21
Analysis <sup>159</sup> .....	17.65	4.01	5.45	55.07	11.37	6.45
<b>Cuero Cotton Oil &amp; Manufacturing Company, Cuero, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....
Analysis.....	43.84	7.04	7.90	28.05	7.37	5.80
Analysis.....	44.14	6.87	8.50	27.36	7.50	5.63
Analysis.....	44.84	6.74	7.99	26.65	7.92	5.86
Analysis.....	46.51	6.61	7.05	25.46	8.50	5.87
Analysis.....	45.93	5.38	7.21	27.24	8.40	5.84
<b>Curl, Blake, Tolar, Texas.</b>						
Blake Curl's Laying Mash.....	19.50	4.00	6.80	47.00	.....	.....
Analysis <sup>159</sup> .....	19.44	4.20	5.33	48.00	10.35	12.68
<b>Davis Poultry Farm, Rule, Texas.</b>						
Davis Egg-Maker Laying Mash.....	19.00	3.60	6.00	50.00	.....	.....
Analysis.....	19.08	3.53	5.81	54.28	8.94	8.36
Analysis.....	18.19	3.61	5.45	54.44	9.56	8.75
Egg-Pepa Brand Laying Mash.....	19.00	3.60	6.00	50.00	.....	.....
Analysis.....	19.00	3.50	5.14	52.11	10.22	10.03
<b>Dawe's Products Company, Chicago, Illinois.</b>						
Flavonne Ribo-D Brand Feed.....	15.00	3.00	6.50	46.00	.....	.....
Analysis.....	18.20	3.95	3.18	59.54	10.82	4.31
D. V. Base.....	23.00	3.00	5.00	45.00	.....	.....
Analysis.....	23.20	3.93	3.38	54.13	11.06	4.30
<b>Denison Peanut Company, Inc., Denison, Texas.</b>						
25% Protein Whole-Pressed Peanut Screenings.....	25.00	10.00	14.00	32.00	.....	.....
Analysis.....	28.71	10.60	21.19	26.83	5.38	7.29
Analysis.....	29.15	11.45	18.85	28.62	5.72	6.21
<b>Denton Dairy Co-Operative Association, Denton, Texas.</b>						
Farmers Growing Mash.....	16.00	3.50	5.50	53.00	.....	.....
Analysis.....	16.53	4.28	5.11	56.63	8.83	8.62
Farmers Egg Mash.....	18.00	3.50	7.60	48.50	.....	.....
Analysis.....	18.90	4.43	7.03	51.09	10.49	8.06
Analysis.....	19.46	4.50	6.85	49.50	12.04	7.65
Analysis <sup>160</sup> .....	20.40	4.45	6.79	51.82	9.70	6.84
<b>Denver Alfalfa Milling &amp; Products Company, The, Lamar, Colorado.</b>						
17% Protein Dehydrated Alfalfa Meal.....	17.00	1.50	27.00	35.00	.....	.....
Analysis.....	18.62	2.73	27.36	37.78	4.45	9.06
Alfalfa Stem Meal.....	9.00	0.80	40.00	30.00	.....	.....
Analysis.....	13.36	1.66	30.30	35.75	11.13	7.80
Triple XXX Brand Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....
Analysis.....	15.26	2.01	29.29	36.34	8.46	8.64
20% Protein Dehydrated Alfalfa Meal.....	20.00	2.00	20.00	39.00	.....	.....
Analysis.....	19.54	2.99	20.52	37.28	8.27	11.40

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>157</sup>Excess of salt.<sup>158</sup>Cottonseed meal found, not claimed.<sup>159</sup>Excess of ground oyster shell and salt.<sup>160</sup>Deficient in ground limestone and salt.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Denver Feed Store, Denver City, Texas.</b>						
Ground Whole Barley.....	11.00	1.50	6.00	65.00	.....	.....
Analysis <sup>d a</sup> .....	12.37	1.87	5.07	68.73	9.16	2.80
<b>Dittlinger Roller Mills Company, H., New Braunfels, Texas.</b>						
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....
Analysis.....	17.77	3.69	5.26	57.05	11.99	4.24
Dittlinger's Best All-Mash Starter.....	18.00	3.80	6.00	48.00	.....	.....
Analysis.....	15.20	3.45	3.91	61.63	10.13	5.68
Analysis <sup>161</sup> .....	14.85	3.39	4.10	60.48	10.85	6.33
Analysis.....	17.95	3.82	3.85	56.31	11.32	6.75
Analysis.....	18.00	4.42	4.33	55.12	11.54	6.59
Analysis <sup>e</sup> .....	18.37	3.92	3.68	54.35	11.67	8.01
Dittlinger's Best All-Mash Starter.....	18.00	3.50	6.00	51.50	.....	.....
Analysis <sup>1</sup> .....	17.10	3.65	3.52	56.23	12.53	6.97
Analysis <sup>162</sup> .....	19.21	3.07	4.20	55.91	10.47	7.14
Dittlinger's Quality Brand Growing Mash.....	16.00	3.60	6.00	52.50	.....	.....
Analysis.....	15.41	3.39	4.97	59.17	10.12	6.94
Analysis.....	15.27	4.02	4.85	56.23	11.94	7.69
Analysis <sup>162</sup> .....	17.35	3.21	4.56	58.55	10.14	6.19
Dittlinger's Quality Brand Egg Mash.....	18.00	3.50	7.00	49.00	.....	.....
Analysis.....	16.54	3.56	5.10	58.09	10.65	6.06
Analysis.....	16.70	3.32	5.28	56.60	11.08	7.02
Analysis.....	16.89	3.25	4.84	56.08	12.08	6.86
Analysis.....	18.07	4.10	5.43	52.97	11.33	8.10
Analysis.....	19.44	4.53	5.50	51.26	10.58	8.69
Analysis <sup>163</sup> .....	17.81	4.15	5.53	52.96	12.01	7.54
Analysis.....	18.74	3.99	5.26	53.53	10.63	7.85
Dittlinger's Best Laying Mash.....	20.00	3.50	6.00	47.00	.....	.....
Analysis.....	16.70	4.08	4.69	56.46	10.94	7.13
Analysis.....	19.00	4.46	5.29	52.99	10.55	7.71
Dittlinger's 16% Protein Dairy Feed.....	16.00	3.00	7.00	53.00	.....	.....
Analysis.....	15.04	4.92	7.64	57.45	9.19	5.76
Analysis <sup>164</sup> .....	14.73	3.32	4.97	59.24	10.86	6.88
Analysis <sup>165</sup> .....	14.21	4.27	6.04	57.67	11.47	6.34
Analysis <sup>166</sup> .....	12.76	4.02	6.35	58.21	12.52	6.14
Analysis <sup>166</sup> .....	16.10	4.33	7.91	54.65	11.03	5.98
Analysis <sup>166</sup> .....	16.70	4.95	7.89	52.21	11.33	6.92
Analysis.....	17.21	5.23	6.60	50.46	13.16	7.34
Analysis <sup>166</sup> .....	16.50	3.66	7.64	53.76	11.98	6.46
Dittlinger's Eclipse Brand Laying Mash.....	20.00	3.60	6.50	46.50	.....	.....
Analysis.....	18.35	3.97	5.54	56.28	10.06	5.80
Analysis.....	17.15	3.41	5.34	58.35	9.83	5.92
Analysis.....	16.71	3.63	5.35	56.81	10.69	6.81
Analysis.....	16.76	3.50	5.81	56.08	11.35	6.50
Analysis <sup>166</sup> .....	17.00	3.19	6.19	55.72	10.67	7.23
Analysis.....	17.93	3.67	4.80	54.00	12.67	6.93
Analysis.....	18.54	4.46	4.83	52.65	11.47	8.05
Analysis.....	18.24	4.55	5.55	53.05	10.61	8.00
Analysis.....	17.95	4.15	6.08	52.86	10.68	8.28
Analysis.....	21.30	3.80	5.89	50.20	10.60	8.21
Dittlinger's Eclipse Brand Laying Mash Pellets.....	20.00	3.60	6.50	46.50	.....	.....
Analysis <sup>166</sup> .....	15.85	3.62	4.97	59.41	9.77	6.38
Analysis <sup>166</sup> .....	21.32	3.64	4.95	52.33	10.80	6.96
Analysis.....	20.57	4.85	6.10	51.19	9.97	7.32
Analysis.....	20.21	3.98	5.73	51.92	11.28	6.88

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>161</sup>Sardine meal claimed, not found.<sup>162</sup>Excess of ground limestone.<sup>163</sup>Cottonseed meal found, not claimed.<sup>164</sup>Excess of salt.<sup>165</sup>Deficient in ground limestone. Excess of salt.<sup>166</sup>Deficient in ground limestone.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Dittlinger Roller Mills Company, H., New Braunfels, Texas—Continued.</b>						
Dittlinger's Special Eclipse Brand Laying Mash	20.00	3.60	6.50	46.50		
Analysis <sup>167</sup>	16.18	3.44	4.64	58.94	11.32	5.48
Analysis	18.93	4.08	4.93	52.73	11.00	8.33
Dittlinger's Quality Brand Chick Starter	17.00	3.50	7.00	46.00		
Analysis <sup>167</sup>	17.16	3.99	5.82	56.14	10.30	6.59
Dittlinger's Best 5 Laying Mash	20.50	3.70	7.30	45.30		
Analysis <sup>167</sup>	17.74	4.33	5.75	53.87	10.68	7.63
Analysis <sup>168</sup>	20.23	3.62	4.95	54.22	10.05	6.93
Analysis	21.56	4.04	6.25	50.58	9.30	8.27
Dittlinger's Best 5 Laying Mash Pellets	20.50	3.70	7.30	45.30		
Analysis	17.05	3.58	5.05	55.05	11.77	7.50
Analysis	20.95	4.53	5.53	51.89	9.53	7.57
Dittlinger's Star Mixed Feed	12.00	2.20	27.00	41.00		
Analysis <sup>169</sup>	12.50	2.69	25.87	39.65	9.06	10.23
Analysis <sup>170</sup>	12.00	2.55	27.05	40.50	9.16	8.74
Analysis <sup>171</sup>	13.00	2.93	22.47	42.14	9.91	9.55
Dittlinger's Best Turkey Laying Mash	21.00	3.90	6.50	45.00		
Analysis <sup>172</sup>	16.50	3.27	4.62	57.74	10.99	6.88
Analysis	17.20	4.14	5.53	54.68	11.03	7.42
Analysis <sup>173</sup>	17.16	3.45	4.46	57.40	11.18	6.35
Analysis	17.57	3.42	5.09	57.20	9.96	6.76
Dittlinger's Best Turkey Laying Mash Pellets	21.00	3.90	6.50	45.00		
Analysis	16.93	3.39	4.62	56.06	11.61	7.39
Analysis	16.29	4.54	4.52	55.41	12.04	7.20
Analysis	16.46	3.30	4.97	57.13	10.31	7.83
Analysis	18.60	4.63	5.25	51.80	11.15	8.57
Analysis	17.34	3.31	5.32	54.91	11.82	7.30
Analysis	17.65	3.82	4.97	55.41	10.06	8.09
Analysis	18.00	3.44	4.73	55.20	10.85	7.78
Analysis	17.38	3.19	4.90	57.47	9.60	7.46
Analysis	16.84	3.51	5.08	56.07	10.54	7.96
Analysis	17.43	3.55	5.37	55.48	10.14	8.03
Dittlinger's Best Turkey Growing Mash Pellets	21.00	3.60	6.00	43.50		
Analysis	17.68	3.16	3.62	59.31	9.33	6.90
Dittlinger's Best Turkey Growing Mash Pellets	20.00	3.50	6.50	47.00		
Analysis <sup>174</sup>	21.25	3.74	4.75	53.36	8.61	8.29
Dittlinger's Best Turkey Starter Pellets	20.00	3.50	6.50	47.00		
Analysis	20.09	4.45	5.35	52.56	10.79	6.76
Dittlinger's Best Turkey Fattening Mash	13.00	5.00	6.60	56.00		
Analysis	16.40	3.77	4.64	60.08	10.82	4.29
Dittlinger's Best Horse and Mule Feed	9.50	3.00	9.60	60.00		
Analysis	10.78	3.39	10.99	57.68	12.49	4.67
<b>Dixie Poultry Farm &amp; Hatchery, Brenham, Texas.</b>						
Dixie Quality Brand Breeder Egg Mash	19.00	3.50	7.00	47.00		
Analysis <sup>174</sup>	19.70	4.69	5.76	47.36	10.22	12.27
<b>Dixon Packing Company, Inc., Houston, Texas.</b>						
Dixco Brand 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00		
Analysis	52.05	11.04	2.65	1.16	7.47	25.63
Analysis	51.19	11.84	1.46	.61	6.74	28.16
Analysis	54.96	10.08	1.35	.37	8.88	24.36
Analysis	55.00	11.67	1.35	.37	6.09	25.52

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>167</sup>Deficient in salt.<sup>168</sup>Deficient in ground limestone.<sup>169</sup>Excess of salt.<sup>170</sup>In pellet form. Deficient in ground limestone.<sup>171</sup>In pellet form.<sup>172</sup>Excess of ground limestone.<sup>173</sup>Excess of ground limestone. Deficient in salt.<sup>174</sup>Excess of ground oyster shell.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Dobry Flour Mills, Inc.,</b> <b>Yukon, Oklahoma.</b>						
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00		
Analysis.....	17.58	3.90	5.43	57.73	11.41	3.95
<b>Dodge City Flour Mills, The,</b> <b>Dodge City, Kansas.</b>						
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00		
Analysis.....	17.60	3.64	8.54	54.66	9.89	5.67
Wheat Mixed Feed and Screenings.....	15.00	3.50	8.50	52.00		
Analysis.....	17.48	3.91	7.51	53.49	12.21	5.40
<b>Dorsey Grain Company,</b> <b>Weatherford, Texas.</b>						
Cows' Delight Dairy Feed.....	23.50	3.50	9.50	42.50		
Analysis.....	21.86	3.34	10.48	45.07	11.69	7.60
<b>Dublin Mills, Inc.,</b> <b>Dublin, Texas.</b>						
All-Gold Brand Growing Mash.....	17.00	4.00	7.00	48.50		
Analysis <sup>175</sup> .....	19.27	2.89	4.55	56.32	9.79	7.18
All-Gold Brand Laying Mash.....	18.50	3.50	6.00	54.00		
Analysis <sup>176</sup> .....	18.80	2.62	4.05	58.21	9.99	6.33
<b>Dugan Grain and Feed Company,</b> <b>McKinney, Texas.</b>						
Try-Mo Brand Cow Feed.....	12.60	2.00	24.00	43.00		
Analysis.....	14.23	2.28	15.69	50.20	10.73	6.87
Dugan's Double-Dollar Brand 16% Protein Dairy Feed.....	16.00	3.00	15.00	46.50		
Analysis.....	14.09	3.39	12.16	52.54	11.94	5.88
Analysis <sup>177</sup> .....	16.04	3.44	9.24	54.55	9.98	6.75
Dugan's Double-Dollar Brand Egg Mash.....	18.00	3.50	7.00	50.70		
Analysis <sup>178</sup> .....	18.06	3.72	6.78	53.41	11.55	6.48
Dugan's Double-Dollar Brand Growing Mash.....	17.50	3.50	7.40	51.40		
Analysis <sup>178</sup> .....	17.10	3.37	6.51	57.16	9.14	6.72
Dugan's Double-Dollar Brand 18% Protein Dairy Feed.....	18.00	3.00	8.90	48.00		
Analysis <sup>179</sup> .....	15.89	3.42	8.86	52.92	11.68	7.23
<b>Durant Milling Company,</b> <b>Durant, Oklahoma.</b>						
Whole Oat Chop.....	11.00	4.00	12.00	58.00		
Analysis.....	11.76	3.59	8.27	61.69	11.27	3.42
Red Warrior Scratch Feed.....	9.00	2.50	3.50	65.00		
Analysis.....	13.84	2.34	3.83	67.97	9.96	2.06
<b>Eager Feed &amp; Produce,</b> <b>Stamford, Texas.</b>						
Circle-E Egg Mash.....	18.00	3.50	7.00	46.00		
Analysis.....	17.03	3.63	5.35	57.86	9.10	7.03
<b>Eager Feed Store,</b> <b>Stamford, Texas.</b>						
Circle-E Egg Mash.....	18.00	3.50	7.00	46.00		
Analysis <sup>179</sup> .....	16.25	3.39	5.05	58.00	10.91	6.40
Analysis.....	19.80	3.99	4.23	53.53	9.61	8.84
Circle-E Growing Mash.....	16.00	3.50	7.00	51.00		
Analysis.....	18.10	3.93	7.95	54.46	9.13	6.43
Circle-E Chick Starter.....	17.00	3.50	6.00	54.00		
Analysis.....	17.90	3.87	8.10	54.72	7.94	7.47

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>175</sup>Cottonseed meal found, not claimed.<sup>176</sup>Deficient in ground limestone.<sup>177</sup>Excess of ground limestone. Deficient in salt.<sup>178</sup>Shrimp meal claimed, not found.<sup>179</sup>Peanut hay found, not claimed. Deficient in ground limestone.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943,  
to August 31, 1944—Continued  
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Eagle Milling Company, Edmond, Oklahoma.</b>						
First Prize Brand Dairy Feed.....	15.00	3.00	8.00	54.00		
Analysis.....	16.46	2.59	6.26	55.49	9.67	9.53
4-H Brand Egg Mash.....	20.00	3.50	8.00	45.00		
Analysis.....	19.10	4.17	7.15	45.32	13.83	10.43
Analysis <sup>180</sup> .....	18.95	3.82	6.54	49.22	10.73	10.74
Analysis <sup>k</sup> .....	18.51	4.25	6.28	49.06	11.23	10.67
4-H Brand Growing Mash.....	17.00	4.00	7.00	51.00		
Analysis.....	16.91	3.82	6.08	54.43	11.81	6.95
Milkman Brand Cow Feed.....	14.00	2.00	21.00	34.50		
Analysis <sup>181</sup> .....	14.52	2.42	15.73	49.14	9.79	8.40
Analysis.....	13.70	2.73	16.04	49.25	8.38	9.90
<b>Early Grain &amp; Seed Company, Waco, Texas.</b>						
Swine Feed.....	14.00	3.00	3.50	62.50		
Analysis <sup>182</sup> .....	14.50	2.97	2.32	64.01	10.60	5.60
Early's Best Laying Mash.....	19.00	3.60	6.50	45.50		
Analysis.....	19.70	4.03	5.93	49.35	10.72	10.27
16% Protein Dairy Feed.....	16.00	3.50	8.00	53.50		
Analysis <sup>183</sup> .....	17.25	3.94	10.55	50.25	9.81	8.20
Early's Best Chick Growing Mash.....	17.50	3.50	5.50	55.00		
Analysis.....	18.12	3.52	6.34	55.82	8.92	7.28
<b>East Texas Cotton Oil Company, Kaufman, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00		
Analysis <sup>j</sup> .....	43.30	6.18	9.79	25.98	8.92	5.83
<b>East Texas Cotton Oil Company, Palestine, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00		
Analysis <sup>c</sup> .....	42.49	6.33	11.01	26.35	7.91	5.91
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00		
Analysis <sup>c184</sup> .....	40.36	6.82	16.37	24.13	6.91	5.41
Analysis <sup>c184</sup> .....	41.87	6.63	14.93	24.11	7.05	5.41
Analysis <sup>c184</sup> .....	39.90	5.72	21.02	20.97	8.65	3.74
Analysis <sup>c184</sup> .....	40.27	6.00	19.95	21.11	8.75	3.92
Analysis <sup>184</sup> .....	45.44	6.60	14.27	20.85	8.65	4.19
Analysis <sup>c184</sup> .....	40.15	6.19	19.28	21.03	9.48	3.87
Analysis <sup>184</sup> .....	44.73	6.15	15.30	21.54	8.10	4.18
Analysis <sup>c</sup> .....	42.36	6.25	17.07	22.05	8.31	3.96
Dairy Ration.....	17.50	3.00	29.00	31.00		
Analysis.....	16.25	1.86	25.20	35.31	13.62	7.76
Analysis.....	17.08	2.22	25.13	33.97	13.02	8.58
<b>East Texas Cotton Oil Company, Terrell, Texas.</b>						
Nutrio Mixed Feed.....	11.60	1.70	36.70	35.50		
Analysis.....	10.20	1.70	35.85	41.04	5.92	5.29
Analysis.....	12.40	1.83	33.45	38.25	7.95	6.12
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00		
Analysis <sup>c</sup> .....	41.06	5.49	12.72	28.01	7.55	5.17
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00		
Analysis.....	45.50	5.84	9.50	25.87	7.45	5.84
Analysis <sup>c</sup> .....	42.14	5.24	11.86	27.64	7.37	5.75
Analysis.....	43.57	5.75	9.94	26.94	8.15	5.65
Etco Baby Chick Starter.....	17.00	3.70	5.60	52.00		
Analysis.....	17.60	4.01	2.77	56.18	11.30	8.14

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>180</sup>Excess of ground limestone.

<sup>181</sup>Weevils in large number.

<sup>182</sup>Soybean oil meal found, not claimed.

<sup>183</sup>Rice bran and peanut hay found, not claimed.

<sup>184</sup>Excess peanut hulls.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>East Texas Cotton Oil Company, Terrell, Texas—Continued.</b>						
41% Protein Soybean Oil Meal.....	41.00	4.70	6.00	28.00	.....	.....
Analysis.....	41.89	7.12	5.45	30.70	9.17	5.67
Etco 18% Protein Dairy Ration.....	18.00	3.00	15.50	43.00	.....	.....
Analysis.....	20.20	4.69	12.32	46.11	8.30	8.38
Etco 44% Protein Supplement for Hogs.....	44.00	4.50	12.00	15.00	.....	.....
Analysis <sup>k185</sup> .....	42.45	7.31	10.12	18.48	6.81	14.83
Analysis.....	42.81	6.76	9.02	18.84	8.09	14.48
Analysis <sup>k186</sup> .....	42.94	6.82	8.61	18.55	7.39	15.69
Etco 18.50% Protein Dairy Feed.....	18.50	3.50	13.00	45.00	.....	.....
Analysis <sup>k187</sup> .....	19.66	3.93	12.65	47.78	9.19	6.79
Analysis <sup>k</sup> .....	20.10	3.78	13.73	46.14	9.90	6.35
<b>East Texas Milling Company, Marshall, Texas.</b>						
Magic Brand Horse and Mule Feed.....	10.00	2.50	7.80	61.00	.....	.....
Analysis <sup>188</sup> .....	12.74	4.15	9.43	58.01	11.23	4.44
Magic Brand 16% Protein Cow Feed.....	16.00	3.60	23.00	39.00	.....	.....
Analysis <sup>189</sup> .....	11.12	5.27	20.73	40.00	11.03	11.85
Analysis.....	18.65	5.76	15.17	38.07	11.97	10.38
Roco Sweet Feed.....	9.00	1.60	32.00	33.00	.....	.....
Analysis <sup>185</sup> .....	9.50	1.60	36.65	32.36	9.50	10.39
Roco 24% Protein Dairy Feed.....	24.00	5.00	10.30	38.00	.....	.....
Analysis.....	22.26	4.38	8.31	44.85	12.04	8.16
Analysis <sup>190</sup> .....	24.94	4.11	11.47	40.70	9.97	8.81
<b>Economy Cash Feed, Electra, Texas.</b>						
Economy Pride Brand Dairy Feed.....	25.00	4.00	13.00	39.00	.....	.....
Analysis.....	24.86	4.60	9.92	47.51	8.17	4.94
<b>Economy Mills, Lubbock, Texas.</b>						
Everlay D-D Brand Winter Egg Mash.....	19.00	3.50	8.00	48.00	.....	.....
Analysis.....	18.73	3.91	7.20	53.71	9.56	6.89
Everlay D-D Brand Summer Egg Mash.....	19.00	4.00	8.00	48.50	.....	.....
Analysis.....	19.40	3.78	7.41	52.05	8.96	8.40
Myracle Brand Poultry Fattener.....	14.00	4.50	6.60	59.00	.....	.....
Analysis.....	14.85	2.52	2.60	67.07	10.75	2.21
Master Brand 32% Protein Mash-Maker Concentrate.....	32.00	4.00	10.00	24.00	.....	.....
Analysis.....	32.50	5.14	8.15	32.12	8.17	13.92
Sweet Milk Brand Mixed Feed No. 1.....	13.00	2.50	13.00	48.00	.....	.....
Analysis <sup>a</sup> .....	13.66	2.09	13.56	49.58	11.99	9.12
Master Brand Egg Mash.....	18.00	3.50	8.00	47.00	.....	.....
Analysis.....	18.00	3.73	7.22	55.30	9.50	6.25
Analysis.....	19.95	3.05	6.68	53.92	9.16	7.24
Everlay D-D Brand Chick Starter.....	18.00	3.50	7.00	50.00	.....	.....
Analysis.....	19.90	4.12	6.00	53.90	9.34	6.74
Lotta-Milk Brand Dairy Feed.....	16.00	3.00	15.70	47.80	.....	.....
Analysis.....	17.40	2.42	14.99	46.55	10.30	8.34
Economy Brand Pig-2-Hog 40% Protein Concentrate.....	40.00	4.80	8.00	20.00	.....	.....
Analysis.....	42.56	6.17	8.00	20.80	7.45	15.02
Analysis.....	42.96	6.14	6.48	23.30	6.79	14.33
Everlay D-D Brand Summer Gro-Mash.....	18.00	3.50	8.00	50.60	.....	.....
Analysis.....	19.09	4.13	7.12	53.68	9.14	6.84
Analysis <sup>a</sup> .....	20.71	4.34	6.88	51.10	9.30	7.67

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>185</sup>Cottonseed meal found, not claimed.<sup>186</sup>Excess of salt.<sup>187</sup>Soybean oil meal claimed, not found. Cottonseed meal found, not claimed.<sup>188</sup>Weed seeds found, not claimed. Wheat bran claimed, not found.<sup>189</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>190</sup>Adulterated with rice hulls.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Economy Mills, Lubbock, Texas—Continued.</b>						
Master Brand 33% Protein Pork-Maker Supplement.....	33.00	4.30	11.70	23.50	.....	.....
Analysis.....	32.48	6.19	11.80	27.85	6.79	14.89
Analysis.....	39.34	5.59	7.25	30.19	7.55	10.08
Everlay D-D Brand Gro-Mash.....	18.00	3.50	7.50	49.00	.....	.....
Analysis.....	20.16	4.31	5.65	51.84	10.90	7.14
<b>Eden Mill &amp; Feed Company, Bryan, Texas.</b>						
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....
Analysis.....	8.14	3.51	9.02	66.39	11.35	1.59
<b>Eden Wool &amp; Mohair Company, Eden, Texas.</b>						
Hall's Economy Brand Dairy Feed.....	18.00	3.40	13.00	47.00	.....	.....
Analysis.....	18.62	2.43	9.19	52.65	10.56	6.55
Analysis.....	18.59	2.95	9.17	54.30	8.86	6.13
Chowmix All-Mash Growing Ration H.....	15.00	3.50	7.00	54.00	.....	.....
Analysis <sup>191</sup> .....	16.82	3.00	4.89	59.30	12.07	3.92
Chowmix Laying Mash N.....	18.00	3.50	8.00	48.00	.....	.....
Analysis.....	18.88	3.58	4.34	57.68	9.68	5.84
<b>Edwards' Mill, South San Antonio, Texas.</b>						
Monterrey Brand Mixed Feed.....	20.00	3.00	10.00	44.00	.....	.....
Analysis.....	19.49	5.14	9.45	48.00	8.98	8.94
<b>Egg-A-Day Hatchery, Rotan, Texas.</b>						
J. O.'s Egg Mash.....	19.00	3.60	6.00	48.00	.....	.....
Analysis.....	19.23	4.12	4.22	52.04	10.86	9.53
J. O.'s Baby Chick Starter.....	18.00	3.50	5.00	51.00	.....	.....
Analysis.....	18.30	4.24	4.41	52.80	11.23	9.02
<b>El Campo Rice Milling Company, El Campo, Texas.</b>						
Elco Turkey Laying Mash.....	20.00	4.00	8.00	44.00	.....	.....
Analysis.....	22.07	5.86	6.01	44.87	11.18	10.01
Elco Fulvalu Brand Dairy Feed.....	16.00	4.00	11.00	46.50	.....	.....
Analysis.....	17.68	5.99	8.40	47.90	11.68	8.35
Super 8 Brand Egg Mash.....	20.00	5.00	7.20	43.00	.....	.....
Analysis.....	19.52	6.29	6.29	48.38	10.08	9.44
Elco Hog Fattener.....	13.00	4.00	8.00	50.50	.....	.....
Analysis <sup>192</sup> .....	15.55	7.02	6.49	50.93	10.17	9.84
Elco Hog Fattener.....	13.00	4.50	7.00	54.00	.....	.....
Analysis.....	14.52	5.89	5.63	55.45	11.74	6.77
Elco Supervalu Brand Horse and Mule Feed.....	10.60	3.60	9.00	60.00	.....	.....
Analysis <sup>193</sup> .....	11.45	4.01	7.45	61.83	11.38	3.88
Elco Supervalu Brand 20% Protein Dairy Feed.....	20.00	4.50	11.00	45.00	.....	.....
Analysis.....	20.24	5.89	11.24	44.52	10.86	7.25
Analysis.....	20.40	6.04	11.14	43.96	10.46	8.00
Analysis <sup>194</sup> .....	20.03	6.23	10.00	42.21	11.22	10.31
Elco Supreme Brand Pig Feed.....	15.50	5.50	7.00	50.00	.....	.....
Analysis <sup>195</sup> .....	18.18	7.53	6.75	49.10	9.47	8.97
Elco Branola.....	13.00	12.00	14.00	40.00	.....	.....
Analysis.....	13.66	14.63	10.01	41.92	9.31	10.47

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>191</sup>Deficient in ground limestone.<sup>192</sup>Deficient in salt. Excess of ground oyster shell.<sup>193</sup>Only a trace of linseed meal found.<sup>194</sup>Excess of ground limestone.<sup>195</sup>Linseed meal claimed, not found. Cottonseed meal found, not claimed.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>El Campo Rice Milling Company,</b> <b>El Campo, Texas—Continued.</b>						
Elco Chicken Dinner Mash.....	19.30	4.10	7.50	46.40	.....	.....
Analysis <sup>196</sup> .....	19.85	5.80	7.41	48.30	9.74	8.90
Analysis.....	20.13	6.02	5.45	49.88	10.52	8.00
Analysis.....	18.56	5.45	5.72	49.64	11.18	9.45
Elco Coastal Cattle Feed Cubes.....	16.50	3.50	7.70	53.30	.....	.....
Analysis <sup>197</sup> .....	17.00	5.40	6.35	52.96	12.23	6.06
Analysis.....	16.40	6.35	6.83	49.89	13.09	7.44
<b>Eldorado Wool Company,</b> <b>Eldorado, Texas.</b>						
Ewco Brand 18% Protein Dairy Feed.....	18.00	3.50	10.00	49.00	.....	.....
Analysis.....	19.45	3.31	8.98	51.95	10.13	6.18
Analysis.....	19.18	4.54	7.35	51.61	10.71	6.61
Ewco Brand All-Mash Laying Ration.....	17.00	3.50	5.50	56.70	.....	.....
Analysis.....	18.24	3.08	3.94	57.73	10.66	6.35
Analysis.....	17.59	3.24	4.78	59.25	9.49	5.65
Ewco Brand 32% Protein Concentrate for Lay- ing Hens.....	32.00	4.00	7.00	30.00	.....	.....
Analysis.....	32.62	5.85	5.96	34.24	8.52	12.81
Ewco Brand Starting and Growing Mash.....	17.50	3.50	5.50	52.70	.....	.....
Analysis.....	18.90	2.80	5.25	55.98	10.82	6.25
<b>Elgin Cotton Oil Company,</b> <b>Elgin, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	40.80	7.15	11.31	27.26	7.94	5.54
Analysis.....	40.82	7.72	11.84	26.81	7.49	5.32
Analysis <sup>c</sup> .....	40.55	6.95	13.32	27.17	6.65	5.36
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>198</sup> .....	39.30	6.91	13.21	27.61	7.62	5.35
Analysis.....	42.02	7.02	11.60	27.19	6.84	5.33
<b>El Paso Cotton Industries, Inc.,</b> <b>El Paso, Texas.</b>						
Paymaster Brand 43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....
Analysis.....	45.69	6.07	7.57	27.91	6.69	6.07
Analysis <sup>c</sup> .....	40.77	6.51	10.66	29.62	6.36	6.08
Analysis <sup>c</sup> .....	41.35	6.51	9.83	29.18	7.15	5.98
Paymaster Brand 43% Protein Cottonseed Pellets.....	43.00	5.20	12.00	25.00	.....	.....
Analysis <sup>c</sup> .....	41.25	5.82	11.59	28.00	7.44	5.90
Analysis <sup>c</sup> .....	41.30	5.71	10.07	29.25	7.75	5.92
<b>Engleman Products Company,</b> <b>Elsa, Texas.</b>						
Dried Citrus Pulp.....	6.00	1.40	12.50	66.00	.....	.....
Analysis.....	6.50	1.75	11.23	64.16	12.07	4.29
<b>Ervine &amp; Bishop,</b> <b>Houston, Texas.</b>						
Justrite Brand Dairy Ration—Dry.....	18.00	3.00	21.00	40.00	.....	.....
Analysis <sup>199</sup> .....	20.90	4.20	22.40	36.42	9.95	6.13
Butafat Brand 19% Protein Dairy Feed.....	19.00	3.20	12.20	44.00	.....	.....
Analysis <sup>200</sup> .....	21.01	3.18	8.25	48.18	13.21	6.17
Analysis.....	23.43	3.88	10.28	44.09	10.38	7.94
Shur-Eggs Brand Egg Mash.....	18.00	4.00	6.60	49.60	.....	.....
Analysis.....	18.40	4.05	5.69	51.06	11.81	8.99
Analysis <sup>200</sup> .....	19.00	4.94	5.26	50.88	11.94	7.98

a, b, c, d, e, f, g, h, i, j, k, —See legend at the beginning of this table.

<sup>196</sup>Cottonseed meal found, not claimed.<sup>197</sup>Deficient in ground oyster shell.<sup>198</sup>Excess cottonseed hulls.<sup>199</sup>Deficient in ground oyster shell and salt.<sup>200</sup>Deficient in ground oyster shell.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Ervine &amp; Bishop, Houston, Texas—Continued.</b>						
Big Ten Egg Mash.....	18.00	3.50	6.60	50.50	.....	.....
Analysis.....	21.69	3.70	5.18	48.38	11.88	9.17
Tex Brand Stock Feed—Dry.....	11.80	3.00	10.50	56.50	.....	.....
Analysis <sup>201</sup> .....	11.98	3.46	8.80	59.19	11.63	4.94
Shurfat Brand 40% Protein Concentrate for Hogs.....	40.00	4.50	11.00	20.00	.....	.....
Analysis <sup>202</sup> .....	40.93	6.45	8.82	21.50	9.92	12.38
Chief Brand Rice Hulls, Ground Screenings, Molasses, Kafir Chop, Alfalfa Stem Meal, Corn Chop, and Salt.....	5.40	1.20	22.00	45.00	.....	.....
Analysis.....	5.00	1.49	18.27	47.78	14.48	12.98
Justrite Brand Dairy Ration.....	18.00	3.50	18.00	35.50	.....	.....
Analysis <sup>k</sup> .....	16.60	3.46	15.47	43.77	14.12	6.58
Analysis.....	19.96	3.82	15.25	39.26	13.52	8.19
Analysis <sup>200</sup> .....	20.10	3.72	17.92	38.14	12.61	7.51
Tex Stock Feed.....	11.00	3.00	10.00	56.50	.....	.....
Analysis <sup>201</sup> .....	13.49	3.58	9.35	54.33	13.20	6.05
<b>Evangeline Cotton Oil Company, Ville Platte, Louisiana.</b>						
28% Protein Whole-Pressed Cottonseed.....	28.00	4.50	29.00	25.00	.....	.....
Analysis.....	28.50	6.13	24.21	29.03	7.23	4.90
<b>Fairmont Creamery Company, The, Omaha, Nebraska, and Branches.</b>						
Fairmont's Dried Buttermilk Flakes (Feeding). Analysis <sup>203</sup> .....	32.00 29.61	6.00 6.73	1.00 .29	35.00 40.68	..... 7.57	..... 15.12
Fairmont's Gold Nugget Brand Growing Mash. Analysis <sup>204</sup> .....	16.50 16.24	4.00 4.19	8.00 6.28	51.00 54.67	..... 12.13	..... 6.49
Fairmont's Far-Mor Brand Laying Mash.....	18.00	4.00	8.00	48.50	.....	.....
Analysis <sup>k</sup> .....	17.75	4.43	5.92	52.08	11.75	8.07
Analysis <sup>k</sup> .....	18.35	4.43	6.13	52.42	10.54	8.13
Fairmont's Gold Nugget Brand Chick Starter Mash.....	17.50	4.00	8.00	50.00	.....	.....
Analysis <sup>k</sup> .....	17.80	4.63	5.63	49.66	15.44	6.84
Analysis <sup>k</sup> .....	17.61	4.59	6.25	53.33	10.63	7.59
Fairmont's Gold Nugget Brand Laying Mash.. Analysis <sup>k</sup> .....	19.00 19.38	4.00 4.36	8.00 6.41	48.00 52.56	..... 8.52	..... 8.77
Analysis <sup>k</sup> .....	18.66	4.37	5.97	51.95	11.14	7.91
Fairmont's Gold Nugget Brand 32% Protein Concentrate.....	32.00	4.00	9.00	28.00	.....	.....
Analysis <sup>k205</sup> .....	28.02	5.56	7.77	34.80	8.61	15.24
<b>Falkenbury Bros. Milling Company, Cleburne, Texas.</b>						
Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....
Analysis.....	19.89	4.79	5.45	51.53	9.26	9.08
Falkenbury's Laying Mash.....	20.00	3.50	8.00	44.50	.....	.....
Analysis <sup>j</sup> .....	21.09	5.16	6.13	49.12	9.43	9.07
<b>Fant Milling Company, Sherman, Texas.</b>						
Fant's Laying Mash.....	19.00	3.60	7.00	49.00	.....	.....
Analysis.....	18.39	4.92	7.13	53.07	8.60	7.89
Fant's 16% Protein Dairy Feed.....	16.00	3.00	8.00	54.00	.....	.....
Analysis <sup>206</sup> .....	15.90	3.50	6.34	57.76	12.28	4.22

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>200</sup>Deficient in ground oyster shell.<sup>201</sup>Carbonate of lime found, not claimed.<sup>202</sup>Excess of salt.<sup>203</sup>Excess of salt.<sup>204</sup>Deficient in pulverized limestone.<sup>205</sup>Deficient in ground limestone. Excess of salt.<sup>206</sup>Deficient in ground limestone.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Fant Milling Company,</b> <b>Sherman, Texas—Continued.</b>						
Gladiola Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00	.....	.....
Analysis.....	16.48	3.52	3.93	59.85	13.16	3.06
Analysis.....	16.88	3.73	5.08	57.51	13.28	3.52
Analysis.....	17.35	3.73	6.03	56.10	12.36	4.43
<b>Farley, Pascal,</b> <b>Whitewright, Texas.</b>						
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....
Analysis.....	8.00	3.11	9.75	64.84	12.39	1.91
<b>Farmer's Co-Op,</b> <b>Bellville, Texas.</b>						
Farmco 18% Protein Dairy Feed.....	18.00	3.00	14.50	45.00	.....	.....
Analysis <sup>207</sup> .....	20.39	3.98	9.59	49.57	9.35	7.12
Farmco Brand Pig and Hog Feed.....	15.00	3.00	8.00	53.00	.....	.....
Analysis <sup>208</sup> .....	14.76	10.62	9.03	40.52	9.07	16.00
<b>Farmers Cooperative, Inc.,</b> <b>Victoria, Texas.</b>						
Our-Own Brand Laying Mash, Formula No. 4.	20.50	3.50	7.40	44.60	.....	.....
Analysis.....	20.63	5.17	7.30	46.03	10.51	10.36
<b>Farmers Cooperative Oil Mill,</b> <b>El Paso, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....
Analysis.....	42.86	6.35	9.72	29.22	5.95	5.90
Analysis <sup>e</sup> .....	39.60	7.21	11.50	29.77	6.01	5.91
Analysis.....	44.07	6.87	9.29	27.02	6.35	6.40
Analysis <sup>e</sup> .....	42.35	6.81	9.52	27.88	7.41	6.03
<b>Farmers Cotton Oil Company,</b> <b>Farmersville, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>e</sup> .....	40.54	6.03	12.89	28.58	6.30	5.66
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....
Analysis <sup>f</sup> .....	40.92	6.31	11.51	27.21	8.44	5.61
Analysis <sup>f</sup> <sup>e209</sup> .....	41.22	6.62	10.83	27.33	8.48	5.52
Analysis <sup>e209</sup> .....	42.20	5.94	10.47	27.49	8.22	5.68
Analysis <sup>e</sup> .....	41.73	7.33	10.77	26.29	8.13	5.75
<b>Farmers Cotton Oil Company,</b> <b>Texarkana, Texas.</b>						
41% Protein Soybean Oil Meal.....	41.00	6.00	6.00	28.00	.....	.....
Analysis.....	39.93	6.79	5.68	27.62	14.64	5.34
Analysis.....	41.58	6.68	5.68	30.84	9.57	5.65
Analysis.....	43.69	5.73	5.53	29.30	9.43	6.32
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	40.75	6.29	12.19	28.45	6.29	6.03
Analysis.....	41.96	6.69	10.70	26.97	7.84	5.84
<b>Farmers Cotton Oil Company,</b> <b>Winnsboro, Texas.</b>						
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	43.84	8.32	12.10	23.50	7.65	4.59
Analysis.....	43.08	8.24	14.11	21.87	8.41	4.29
Analysis <sup>e210</sup> .....	40.24	8.96	15.95	21.56	9.04	4.25
Analysis.....	42.63	8.06	13.54	21.83	9.78	4.16

<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, <sup>d</sup>, <sup>e</sup>, <sup>f</sup>, <sup>g</sup>, <sup>h</sup>, <sup>i</sup>, <sup>j</sup>, <sup>k</sup>. —See legend at the beginning of this table.<sup>207</sup>Excess of ground limestone.<sup>208</sup>Alfalfa meal and soybean oil meal claimed, not found. Rice bran and cottonseed meal found, not claimed.<sup>209</sup>Large percentage of soybean oil meal found.<sup>210</sup>Excess peanut hulls.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Farmers Cotton Oil Company,</b> <b>Winnboro, Texas—Continued.</b>						
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>c</sup> .....	39.83	5.76	11.64	28.02	8.77	5.98
Analysis <sup>c</sup> .....	41.80	6.72	10.30	27.15	7.45	6.58
Analysis <sup>c</sup> .....	40.37	6.58	11.03	27.85	7.92	6.25
Analysis <sup>c</sup> .....	41.76	5.11	11.24	28.26	7.34	6.29
Analysis <sup>c</sup> .....	41.95	6.13	11.55	26.81	7.21	6.35
<b>Farmers Cottonseed Oil Mills,</b> <b>Granger, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>c</sup> .....	42.72	7.41	11.40	26.63	6.49	5.35
Analysis <sup>c</sup> .....	41.22	6.74	12.07	27.56	7.14	5.27
Analysis <sup>c</sup> .....	41.90	6.84	11.01	26.78	8.16	5.31
Analysis <sup>c</sup> .....	41.60	6.34	11.82	26.61	8.05	5.58
<b>Farmers Elevator and Storage Company,</b> <b>Hamilton, Texas.</b>						
Nu-Way 32% Protein Concentrate for Poultry.....	32.00	4.00	7.00	31.00	.....	.....
Analysis <sup>211</sup> .....	27.50	5.08	5.99	38.86	7.73	14.84
32% Protein Supplement for Hogs.....	32.00	4.50	8.00	27.00	.....	.....
Analysis <sup>211</sup> .....	33.15	5.59	6.70	32.75	9.02	12.79
Nu-Way Dairy Feed.....	4.00	4.00	11.00	47.00	.....	.....
Analysis <sup>212</sup> .....	19.75	3.69	14.65	45.48	10.33	6.10
<b>Farmers Gin &amp; Oil Mill,</b> <b>Laredo, Texas.</b>						
27% Protein Whole-Pressed Cottonseed.....	27.00	6.00	24.00	29.00	.....	.....
Analysis.....	26.50	5.58	28.50	29.88	5.41	4.13
<b>Farmersville Grain Company,</b> <b>Farmersville, Texas.</b>						
Saf-Tee Brand Egg Mash.....	18.00	3.50	8.00	51.60	.....	.....
Analysis.....	19.05	3.39	5.67	56.20	9.53	6.16
Saf-Tee Brand 36% Protein Supplement for Hogs.....	36.00	4.50	8.00	26.00	.....	.....
Analysis <sup>213</sup> .....	36.54	6.41	7.45	24.38	9.82	15.40
Saf-Tee Der-I-Mix Brand Ration.....	16.00	3.50	18.00	46.00	.....	.....
Analysis.....	14.74	3.27	17.82	47.73	10.61	5.83
Analysis.....	16.10	3.47	17.20	45.67	10.73	6.83
<b>Farris Feed Company, Buck,</b> <b>Dallas, Texas.</b>						
Poo-Boy Special Dairy Feed.....	15.30	3.20	13.50	49.00	.....	.....
Analysis.....	14.09	3.83	12.57	53.02	8.99	7.50
Analysis <sup>214</sup> .....	14.22	3.12	14.61	48.12	10.76	9.17
<b>Feed Box, The,</b> <b>Dallas, Texas.</b>						
Producers Brand Egg Mash.....	19.00	4.00	5.00	51.50	.....	.....
Analysis.....	18.38	3.25	5.42	53.69	11.36	7.90
<b>Feed Depot, The,</b> <b>El Paso, Texas.</b>						
C B Brand Dairy Feed.....	15.00	3.00	8.50	56.00	.....	.....
Analysis <sup>215</sup> .....	18.56	3.71	6.86	56.23	8.27	6.37

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>211</sup>Carbonate of lime found, not claimed.<sup>212</sup>Alfalfa meal found, not claimed.<sup>213</sup>Deficient in ground oyster shell.<sup>214</sup>Rice hulls found, not claimed.<sup>215</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Feeders Mill &amp; Mart, Shamrock, Texas.</b>						
Dairy Feed.....	18.00	3.00	9.00	50.00	.....	.....
Analysis.....	17.95	3.77	7.16	55.28	11.02	4.82
<b>Feeders Supply Company, Waco, Texas.</b>						
Eagle Brand Dairy Feed.....	17.40	3.20	12.00	47.00	.....	.....
Analysis <sup>216</sup> .....	15.37	3.35	14.26	47.40	11.17	8.45
Eagle Brand Laying Mash.....	18.50	3.60	7.50	48.00	.....	.....
Analysis.....	16.10	4.13	4.76	56.42	9.92	8.67
Analysis <sup>217</sup> .....	18.23	3.39	7.59	52.56	10.88	7.35
Analysis <sup>a</sup> .....	18.79	4.75	7.70	48.51	10.36	9.89
Eagle Brand Broiler Mash.....	17.00	3.70	7.50	50.00	.....	.....
Analysis.....	17.49	4.52	5.40	52.75	11.12	8.72
Eagle Brand Hog Feed.....	15.00	3.40	6.00	59.00	.....	.....
Analysis <sup>217</sup> .....	14.74	3.76	4.61	59.14	11.91	5.84
<b>Fertsch Produce Store, Hallettsville, Texas.</b>						
Fertsch's Top-Quality Brand All-Mash Growing Mash.....	18.00	3.60	6.00	50.00	.....	.....
Analysis <sup>218</sup> .....	18.82	3.40	5.45	53.94	10.29	8.10
Fertsch's Top-Quality Brand 20% Protein Lay- ing Mash.....	20.00	3.50	6.00	47.00	.....	.....
Analysis <sup>219</sup> .....	18.96	3.52	5.61	54.46	9.89	7.56
Fertsch's Top-Quality Brand 18% Protein Chick Starter.....	18.00	3.50	6.00	48.00	.....	.....
Analysis.....	18.20	4.32	6.28	50.18	11.25	9.77
Fertsch's Top-Quality Brand 24% Protein Turkey Starter.....	24.00	4.00	6.00	41.00	.....	.....
Analysis.....	22.35	4.38	7.68	46.65	11.40	7.54
<b>Fidelity Products Mill, Houston, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>c</sup> .....	40.67	7.65	11.17	27.04	7.57	5.90
Analysis <sup>e</sup> .....	40.90	7.56	12.16	26.73	7.02	5.63
Analysis <sup>220</sup> .....	37.72	9.44	14.34	25.09	7.86	5.55
Analysis <sup>c</sup> .....	40.75	8.31	11.47	26.64	6.77	6.06
Analysis <sup>c</sup> .....	39.00	6.62	11.65	28.47	8.72	5.54
Analysis <sup>c221</sup> .....	39.42	7.21	12.14	26.92	8.69	5.62
Analysis <sup>c</sup> .....	40.46	8.13	10.73	26.81	8.02	5.85
43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>c221</sup> .....	40.08	6.13	11.51	27.62	8.90	5.76
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>221</sup> .....	41.75	8.76	11.16	25.25	7.07	6.01
Fidelity Brand Cottonseed Meal and Soybean Oil Meal.....	41.00	4.70	9.50	27.00	.....	.....
Analysis.....	41.50	6.40	8.10	28.40	10.28	5.32
<b>Flatonia Oil Mill Company, Flatonia, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	42.20	7.66	10.57	27.57	6.45	5.55
<b>Fletcher Grain Company, Georgetown, Texas, and Branches.</b>						
Fletcher's Special-Mix Dairy Feed.....	20.00	3.50	15.00	42.00	.....	.....
Analysis <sup>a</sup> .....	21.94	3.73	10.73	44.75	10.80	8.05
Analysis.....	20.21	3.72	12.41	46.10	8.53	9.03

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>216</sup>Adulterated with rice hulls.<sup>217</sup>Excess of salt. Carbonate of lime found, not claimed.<sup>218</sup>Excess of salt.<sup>219</sup>Deficient in ground oyster shell.<sup>220</sup>Off color. Excess cottonseed hulls.<sup>221</sup>Off color.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Flieller, E. A.,</b> <b>Floresville, Texas.</b>						
Pennant Brand Laying Mash.....	19.00	3.70	7.30	50.50	10.28	7.26
Analysis <sup>222</sup> .....	16.89	4.01	4.02	57.54	10.68	9.35
Analysis.....	20.70	4.40	5.10	49.77	10.68	9.35
Pennant Brand Special Chick Starter.....	17.50	3.80	6.00	50.00	10.91	8.56
Analysis.....	17.25	3.64	4.36	55.28	10.91	8.56
<b>Floyd, W. B.,</b> <b>Gilmer, Texas.</b>						
Floyd's Special Brand Laying Mash.....	20.00	3.50	8.00	44.00	11.27	9.88
Analysis.....	20.40	4.23	4.93	49.29	11.27	9.88
Floyd's Brand Laying Mash.....	20.00	3.50	7.50	46.50	9.48	9.90
Analysis.....	20.25	5.00	6.83	48.54	9.48	9.90
<b>Forbes Bros., Central Mills,</b> <b>Topeka, Kansas.</b>						
Kiln-Dried Hominy Feed.....	10.00	7.00	6.00	60.00	9.67	2.90
Analysis.....	11.56	6.49	4.91	64.47	9.67	2.90
<b>Fort Smith Cotton Oil Company,</b> <b>Fort Smith, Arkansas.</b>						
Old Fort Brand 41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	7.75	5.99
Analysis <sup>223</sup> .....	40.50	5.55	11.90	28.31	7.75	5.99
Milk-Mor Brand Dairy Feed.....	16.00	3.00	15.00	56.00	11.53	11.58
Analysis <sup>224</sup> .....	21.31	4.05	16.17	35.36	10.07	11.81
Analysis <sup>225</sup> .....	21.68	3.66	16.23	36.55	10.07	11.81
<b>Fort Worth Cotton Oil Mill,</b> <b>Fort Worth, Texas.</b>						
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00	6.96	5.58
Analysis.....	40.82	12.28	11.90	22.46	6.96	5.58
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	7.94	5.25
Analysis.....	42.53	6.68	10.90	26.70	7.45	5.82
Analysis.....	44.60	6.20	9.86	26.07	7.63	5.09
Analysis.....	40.74	6.22	12.70	27.62	7.63	5.09
Panther Brand Laying Mash.....	19.00	4.00	8.00	46.00	10.42	8.66
Analysis.....	19.39	4.81	6.59	50.13	9.72	7.60
Analysis.....	19.32	3.72	5.22	54.42	9.72	7.60
Cotton Bloom Brand 18% Protein Dairy Feed.....	18.00	3.50	10.00	46.30	12.17	7.79
Analysis.....	20.50	3.67	9.46	46.41	12.17	7.79
Cotton Bloom Brand Turkey Starter.....	24.00	4.00	6.00	42.00	9.97	7.09
Analysis <sup>226</sup> .....	20.66	4.50	5.18	52.60	9.97	7.09
43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	9.72	5.23
Analysis.....	41.56	7.03	9.97	26.49	9.72	5.23
41% Protein Soybean Oil Meal.....	41.00	4.70	6.00	28.00	9.44	5.34
Analysis.....	41.62	5.45	5.33	32.82	9.44	5.34
<b>Fraser Milling Company,</b> <b>Hereford, Texas.</b>						
Sunny Boy 16% Protein Dairy Feed.....	16.00	3.00	12.50	54.00	10.71	6.73
Analysis.....	14.81	2.29	9.64	55.82	10.71	6.73
Sunny Boy 18% Protein Egg Mash.....	18.00	3.50	8.00	53.00	10.49	6.89
Analysis <sup>226</sup> .....	17.83	3.79	5.95	55.05	10.49	6.89
Sunny Boy Growing Mash.....	17.50	3.50	6.50	52.00	10.84	5.72
Analysis.....	17.22	3.70	4.97	57.55	10.84	5.72
Sunny Boy Hog Feed.....	15.00	3.70	7.50	55.00	10.81	6.62
Analysis <sup>227</sup> .....	15.90	2.91	6.65	57.11	10.81	6.62

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>222</sup>Soybean oil meal and peanut meal claimed, not found. Cottonseed meal found, not claimed.<sup>223</sup>Incorrectly printed tags attacked.<sup>224</sup>Rice bran found, not claimed.<sup>225</sup>Deficient in ground oyster shell.<sup>226</sup>Deficient in ground limestone and salt.<sup>227</sup>Deficient in ground limestone.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Fraser Milling Company, Hereford, Texas—Continued.</b>						
Sunny Boy Horse and Mule Feed.....	10.50	3.00	8.50	58.00		
Analysis.....	10.50	2.50	8.35	57.66	14.69	6.30
Fraser's 9% Protein Sweet Feed.....	9.00	2.00	20.00	50.00		
Analysis <sup>227</sup> .....	10.55	1.85	14.32	52.42	10.16	10.70
Sunny Boy Chick Starter Mash.....	17.00	4.00	6.00	51.00		
Analysis.....	16.70	3.53	4.15	59.45	11.14	5.03
Alfalfa Meal.....	13.00	1.50	33.00	35.00		
Analysis.....	13.58	1.53	30.23	36.67	9.90	8.09
Sunny Boy 18% Protein Egg Mash Pellets.....	18.00	3.50	8.00	53.00		
Analysis <sup>228</sup> .....	16.35	3.61	5.80	57.26	8.70	8.28
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00		
Analysis.....	17.63	5.05	9.63	52.23	8.96	6.50
<b>Gainesville Mill and Feed Company, Gainesville, Texas.</b>						
Three Star Dairy Feed.....	17.50	3.00	14.00	48.00		
Analysis.....	20.52	4.20	13.55	47.80	9.05	4.88
Analysis.....	18.29	3.58	10.05	49.97	12.03	6.08
<b>Gainesville Oil Mill, Gainesville, Texas.</b>						
Golden Rod Brand 43% Protein Pea-Size Cot- tonseed Cake.....	43.00	6.00	12.00	23.00		
Analysis.....	44.03	6.64	10.48	25.61	7.93	5.31
Golden Rod Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00		
Analysis.....	40.36	8.82	11.03	26.93	7.94	4.92
Cotton Bloom Brand 43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00		
Analysis.....	42.15	9.19	11.34	26.35	5.46	5.51
Golden Rod Brand 43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00		
Analysis.....	40.84	7.54	11.74	25.90	8.91	5.07
Golden Rod Brand 43% Protein Nut-Size Cot- tonseed Cake.....	43.00	6.00	12.00	23.00		
Analysis.....	41.87	6.12	12.03	27.82	7.36	4.80
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00		
Analysis.....	42.38	6.96	5.43	30.62	9.31	5.30
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00		
Analysis.....	42.02	5.91	12.14	26.81	7.41	5.71
<b>Geary Milling &amp; Elevator Company, The, Geary, Oklahoma.</b>						
Royal Seal Brand Laying Mash.....	18.00	3.50	7.00	50.00		
Analysis.....	18.29	4.18	5.66	52.68	10.84	8.35
<b>General Mills, Inc., Minneapolis, Minnesota, and Divisions.</b>						
Larro Brand Turkey Builder.....	24.00	3.50	7.50	40.00		
Analysis.....	24.40	4.17	6.94	47.38	9.11	8.00
Larro Brand Turkey Breeder Mash—Pelleted.....	20.00	4.00	8.00	45.00		
Analysis.....	21.53	4.75	6.42	47.51	9.85	9.94
Utility Brand Egg Mash.....	18.00	3.50	8.00	46.00		
Analysis.....	17.84	4.20	5.76	53.09	11.09	8.02
Eventually Gold Medal Special Brand 18% Protein Dairy Feed.....	18.00	3.00	8.50	49.00		
Analysis.....	18.92	3.78	9.17	46.87	10.55	10.71
K M B Feed.....	11.50	2.50	5.00	64.00		
Analysis.....	11.85	3.52	3.37	66.87	11.71	2.68
Larro Brand 32% Protein Dairy Concentrate.....	32.00	3.00	11.00	32.00		
Analysis <sup>229</sup> .....	33.50	4.47	8.87	35.88	8.86	8.42

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>227</sup>Deficient in ground limestone.<sup>228</sup>Not in pellet form. Defaced tags attached. Short in weight.<sup>229</sup>Deficient in ground limestone and salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>General Mills, Inc.,</b> <b>Minneapolis, Minnesota, and Divisions—</b> <b>Continued.</b>						
Larro Brand Chick Builder.....	19.00	3.00	7.00	46.00	.....	.....
Analysis <sup>230</sup> .....	21.21	3.55	5.58	51.22	10.46	7.98
Larro Brand 18% Protein Dairy Feed.....	18.00	3.00	12.00	45.00	.....	.....
Analysis.....	21.22	3.80	7.57	49.76	10.16	7.49
Larro Brand 19% Protein Turkey Finisher— Pelleted.....	19.00	3.00	7.50	40.00	.....	.....
Analysis.....	20.31	3.99	6.68	50.89	8.46	9.67
Larro Brand Egg Mash.....	18.00	3.50	8.00	47.00	.....	.....
Analysis.....	18.90	4.35	8.60	49.41	9.71	9.03
Analysis.....	20.20	4.15	7.05	48.50	10.39	9.71
Larro Brand Pig and Hog Feed.....	26.00	3.00	8.00	35.00	.....	.....
Analysis.....	25.85	5.47	8.09	42.56	8.60	9.43
Analysis <sup>230</sup> .....	28.41	5.29	7.43	40.37	9.00	9.50
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....
Analysis.....	16.67	4.31	10.14	50.31	12.13	6.44
Analysis.....	18.10	4.46	9.30	51.90	9.75	6.49
Analysis.....	16.98	4.14	9.70	51.23	11.71	6.24
Analysis.....	17.60	4.46	9.55	52.31	9.86	6.22
Analysis.....	17.45	4.37	10.41	51.77	9.79	6.21
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00	.....	.....
Analysis.....	17.24	3.99	5.48	59.30	9.85	4.14
Analysis.....	16.70	4.13	6.01	56.84	12.33	3.99
Analysis.....	16.70	4.04	6.09	56.89	11.95	4.33
Analysis.....	16.20	3.98	5.72	58.56	11.68	3.86
Analysis <sup>231</sup> .....	16.80	4.14	7.69	55.68	10.40	5.29
Analysis.....	16.88	4.00	6.11	56.62	11.43	4.96
<b>Georgetown Oil Mill,</b> <b>Georgetown, Texas.</b>						
34% Protein Whole-Pressed Peanuts.....	34.00	6.00	24.00	20.00	.....	.....
Analysis.....	30.38	9.55	21.28	25.29	7.63	5.87
28% Protein Whole-Pressed Cottonseed Nuggets.....	28.00	6.00	23.00	29.00	.....	.....
Analysis.....	29.44	6.27	22.58	30.25	7.50	3.96
Range King Brand Livestock Nuggets.....	17.00	3.00	12.00	50.00	.....	.....
Analysis.....	17.80	4.10	12.17	51.03	9.09	5.81
Analysis <sup>232</sup> .....	19.25	4.66	13.18	47.67	10.52	4.72
Range Gold Brand Cattle and Sheep Nuggets.....	20.00	4.00	16.70	42.50	.....	.....
Analysis.....	19.86	4.52	13.82	47.51	9.85	4.44
Analysis <sup>233</sup> .....	20.82	4.19	14.72	44.00	12.56	3.71
Analysis <sup>234</sup> .....	25.41	4.38	3.74	51.52	10.78	4.17
34% Protein Ground Whole-Pressed Peanuts.....	34.00	6.00	24.00	20.00	.....	.....
Analysis.....	32.55	7.98	21.80	23.60	6.47	7.60
<b>Gerald Company, The,</b> <b>Hamilton, Texas.</b>						
Gerald's Mid-Tex Cow Feed.....	17.00	3.50	12.00	50.00	.....	.....
Analysis.....	15.89	3.10	10.48	52.13	11.95	6.45
Gerald's Mid-Tex Chick Starter.....	16.00	3.60	5.00	52.00	.....	.....
Analysis <sup>235</sup> .....	16.59	4.00	5.87	55.17	12.70	5.67
Gerald's Mid-Tex Special Brand Egg Mash.....	20.00	3.50	8.00	43.00	.....	.....
Analysis <sup>236</sup> .....	20.29	4.67	7.55	49.65	9.40	8.44
<b>Gilbreath Produce Company, M.,</b> <b>Weimar, Texas.</b>						
MG Best Brand Growing Mash.....	16.50	3.50	6.50	52.00	.....	.....
Analysis.....	18.50	3.69	4.40	55.04	10.84	7.53

a, b, c, d, e, f, g, h, i, j, k, —See legend at the beginning of this table.

<sup>230</sup>Deficient in ground limestone.<sup>231</sup>Wheat mixed feed and screenings.<sup>232</sup>Excess of salt.<sup>233</sup>Deficient in ground limestone and salt.<sup>234</sup>Soybean oil meal found, not claimed.<sup>235</sup>Deficient in ground limestone.<sup>236</sup>Linseed meal and soybean oil meal found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Gilbreath Produce Company, M., Weimar, Texas—Continued.</b>						
MG Best Brand Laying Mash.....	18.50	3.50	7.00	50.50		
Analysis <sup>235</sup> .....	17.86	3.32	4.93	55.99	11.30	6.60
MG Best Brand Hog Feed.....	17.50	3.50	5.00	53.00		
Analysis <sup>237</sup> .....	19.23	4.87	3.02	52.06	10.59	10.23
MG Best Brand Starter Mash.....	19.00	3.50	6.70	49.50		
Analysis.....	18.69	4.02	6.24	52.37	10.76	7.92
MG Best Brand 19% Protein Dairy Feed.....	19.00	3.30	9.00	49.50		
Analysis.....	18.72	3.90	6.86	54.55	10.96	5.01
Analysis <sup>237</sup> .....	17.65	3.88	8.70	50.84	11.34	7.59
<b>Gilmer Cotton Oil &amp; Fertilizer Company, Gilmer, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00		
Analysis.....	41.55	5.18	11.55	27.99	7.83	5.90
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00		
Analysis.....	40.01	7.67	10.45	28.11	8.14	5.62
Analysis.....	41.49	5.63	12.40	27.44	7.06	5.98
Analysis <sup>238</sup> .....	40.10	5.23	13.75	27.48	7.85	5.59
Analysis.....	39.98	5.84	12.82	29.38	6.48	5.50
Analysis.....	42.76	6.05	11.10	27.68	6.65	5.76
Analysis <sup>239</sup> .....	40.40	6.08	13.47	27.94	6.49	5.62
11% Protein Mixed Feed.....	11.00	1.60	34.60	35.50		
Analysis <sup>240</sup> .....	8.90	2.25	38.15	39.99	6.33	4.38
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00		
Analysis.....	43.95	5.64	5.55	31.91	7.50	5.45
<b>Globe Mills, Inc., (Flour and Grain Department), El Paso, Texas.</b>						
Globe Chicken Fattener.....	13.00	3.50	6.50	49.00		
Analysis.....	14.54	4.56	5.73	62.22	8.58	4.37
Globe Broiler Mash.....	20.00	3.60	5.60	48.00		
Analysis.....	20.50	4.23	5.72	51.56	9.86	8.13
Green Valley Dairy Feed.....	15.00	3.00	9.00	55.00		
Analysis.....	16.86	3.89	6.91	55.75	10.64	5.95
Globe Pig, Sow, and Hog Ration.....	14.30	3.00	6.00	59.00		
Analysis.....	16.21	4.69	4.68	60.51	8.29	5.62
Globe Growing Mash.....	16.00	3.50	7.00	51.00		
Analysis <sup>241</sup> .....	16.90	4.06	6.03	56.37	10.41	6.23
Globe Starting Mash.....	17.00	3.60	6.50	50.00		
Analysis.....	18.36	5.17	5.58	53.24	11.04	6.61
Globe Calf Meal.....	22.00	4.00	7.00	46.00		
Analysis.....	22.09	4.18	5.21	52.72	9.63	6.17
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00		
Analysis.....	17.00	3.84	3.38	60.99	11.72	3.07
Peerless Brand Laying Mash.....	18.00	3.50	7.00	49.00		
Analysis <sup>242</sup> .....	18.83	4.24	6.65	54.32	9.67	6.29
Analysis.....	18.29	5.27	5.40	51.96	11.33	7.75
Globe Dairy Feed.....	17.00	3.30	9.00	47.50		
Analysis.....	19.60	4.40	5.70	54.07	8.97	7.26
Analysis <sup>243</sup> .....	19.55	3.98	7.14	52.62	9.35	7.36
Globe Laying Mash.....	18.50	3.50	6.50	47.50		
Analysis <sup>244</sup> .....	18.06	3.76	6.68	56.81	8.25	6.44
Analysis <sup>245</sup> .....	18.60	4.45	4.78	54.23	9.30	8.64

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>235</sup>Deficient in ground limestone.<sup>237</sup>Excess of ground limestone and salt.<sup>238</sup>Excess cottonseed hulls.<sup>239</sup>Used in manufacture of own mixed feed.<sup>240</sup>Peanut hulls and rice hulls found, not claimed. Deficient in ground limestone.<sup>241</sup>Deficient in ground limestone with excess of salt.<sup>242</sup>Meat and bone scraps claimed, not found. Cottonseed meal found, not claimed. Deficient in ground limestone.<sup>243</sup>Deficient in ground limestone.<sup>244</sup>Cottonseed meal found, not claimed.<sup>245</sup>Excess of ground limestone and salt.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Gold Crown Mills, Enid, Oklahoma.</b>						
Gold Crown 16% Protein Cattle Fattener.....	16.00	3.00	10.00	50.00	.....	.....
Analysis <sup>240</sup> .....	14.92	2.77	8.08	54.56	11.56	8.11
Gold Crown 16% Protein Dairy Feed.....	16.00	3.00	11.00	50.00	.....	.....
Analysis <sup>247</sup> .....	16.48	4.11	7.06	55.64	10.12	6.59
<b>Golden Oak Milling Company, De Leon, Texas.</b>						
Golden Oak Laying Mash.....	19.00	3.80	7.00	46.50	.....	.....
Analysis.....	18.31	3.45	4.59	56.89	9.65	7.11
Golden Oak Growing Mash.....	16.00	3.50	7.00	54.00	.....	.....
Analysis <sup>248</sup> .....	18.85	3.07	3.90	57.65	11.44	5.09
Analysis.....	19.56	3.50	5.07	56.68	10.61	4.58
Analysis <sup>249</sup> .....	19.10	3.30	4.39	55.42	11.48	6.31
Golden Oak Cow Feed.....	17.50	3.70	15.00	45.00	.....	.....
Analysis.....	17.94	3.56	12.12	48.71	10.06	7.61
Golden Oak Mixed Feed.....	15.50	3.10	26.00	37.80	.....	.....
Analysis.....	14.25	4.82	17.42	46.41	9.77	7.33
Analysis <sup>243</sup> .....	14.56	3.67	17.22	46.97	9.99	7.59
Analysis.....	13.86	3.15	16.48	49.08	10.14	7.29
Analysis.....	16.78	3.13	16.86	43.93	11.81	7.49
Analysis.....	15.63	3.04	19.92	43.35	10.76	7.30
Caraway's Special Egg Mash.....	19.00	3.70	8.00	47.00	.....	.....
Analysis.....	18.70	3.80	4.91	55.47	9.61	7.51
Analysis.....	18.65	3.16	4.41	55.84	10.76	7.18
Analysis <sup>250</sup> .....	18.87	3.57	4.69	57.17	9.88	5.82
Golden Oak 21% Protein Dairy Feed.....	21.00	3.80	12.50	43.00	.....	.....
Analysis.....	20.25	3.97	10.60	47.29	11.42	6.47
Golden Oak 9% Protein Sweet Feed.....	9.00	2.00	25.00	41.50	.....	.....
Analysis.....	9.58	1.85	15.06	52.22	14.09	7.20
Analysis.....	12.15	3.04	21.42	44.14	11.22	8.03
<b>Gonzales Cotton Oil &amp; Manufacturing Company, Gonzales, Texas.</b>						
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	40.51	7.26	11.20	27.31	7.98	5.74
45% Protein Peanut Meal.....	45.00	6.00	10.00	23.00	.....	.....
Analysis.....	44.24	7.75	10.88	23.60	8.44	5.09
Analysis.....	43.19	7.98	14.23	20.10	8.60	5.90
Analysis <sup>251</sup> .....	40.64	8.79	16.64	19.58	8.97	5.38
<b>Goodpasture Grain Company, Grady, Brownfield, Texas.</b>						
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....
Analysis <sup>252</sup> .....	7.32	2.36	10.27	59.66	11.38	9.01
Analysis <sup>253</sup> .....	7.35	2.30	11.66	61.39	12.18	5.12
Analysis <sup>254</sup> .....	7.31	2.37	10.90	56.38	9.53	13.51
Goodpasture Milk-Producer Brand 16% Protein Dairy Feed.....	16.00	3.50	13.70	49.40	.....	.....
Analysis.....	15.86	3.78	14.06	50.76	9.48	6.06
Analysis.....	15.65	2.88	11.65	48.74	11.73	9.35
Analysis <sup>254</sup> .....	15.10	2.84	13.20	48.88	7.28	12.70

a, b, c, d, e, f, g, h, i, j, k, —See legend at the beginning of this table.

243Deficient in ground limestone.

246Rice bran found, not claimed. Adulterated with rice hulls.

247Rice hulls found, not claimed.

248Deficient in ground oyster shell.

249Deficient in salt. Excess of ground oyster shell.

250Deficient in salt.

251Excess peanut hulls.

252Contained sand.

253Excess of cob and shuck.

254Contained sand and earth.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Goodson Feed, Seed &amp; Poultry Supplies, A. A., Plano, Texas.</b>						
Chowmix Hog Feed K. ....	14.00	3.00	6.00	56.00	.....	.....
Analysis.....	15.11	3.90	4.20	62.76	10.60	3.43
Chowmix Laying Mash R. ....	18.00	3.50	8.00	48.00	.....	.....
Analysis <sup>255</sup> .....	16.82	4.25	3.67	59.54	10.65	5.07
Chowmix All-Mash Growing Mash B. ....	15.00	3.50	7.00	52.00	.....	.....
Analysis <sup>255</sup> .....	15.49	4.04	3.30	61.90	11.24	4.03
Dairy Feed.....	16.70	3.40	11.50	51.00	.....	.....
Analysis.....	16.45	3.81	9.40	54.60	10.95	4.79
<b>Gossett Feed and Produce, Taylor, Texas.</b>						
Taylor-Made Dairy Feed.....	18.00	3.50	13.00	44.00	.....	.....
Analysis.....	16.60	3.80	8.24	52.78	12.55	6.03
Analysis <sup>256</sup> .....	17.69	3.70	9.63	51.96	10.30	6.72
Chowmix All-Mash Laying Ration B. ....	15.00	3.50	8.00	48.00	.....	.....
Analysis.....	16.85	3.65	3.86	59.32	11.28	5.04
<b>Grady &amp; Pogue, Kenedy, Texas.</b>						
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....
Analysis <sup>257</sup> .....	9.95	3.10	8.79	62.89	11.72	3.55
<b>Graham Mill &amp; Elevator Company, Graham, Texas.</b>						
Supreme Brand Wheat Gray Shorts and Screen- ings.....	17.00	4.00	6.00	55.00	.....	.....
Analysis.....	17.50	4.23	5.31	57.62	11.39	3.95
Analysis.....	17.32	4.00	5.78	54.61	14.31	3.98
Analysis.....	17.22	3.83	4.58	58.23	12.65	3.49
Texas King Brand 5 Egg Mash Pellets.....	18.00	3.50	7.50	46.00	.....	.....
Analysis.....	18.05	3.48	5.97	53.96	10.50	8.04
<b>Grapevine Milling Company, Grapevine, Texas.</b>						
B & D Brand Laying Mash.....	18.00	3.50	7.00	48.00	.....	.....
Analysis.....	19.37	3.54	5.59	53.96	11.62	5.92
Analysis.....	19.40	3.52	5.80	54.55	11.39	5.34
Analysis.....	18.60	3.45	5.64	54.63	11.13	6.55
Analysis.....	19.47	3.73	5.38	54.79	10.25	6.38
B & D Brand Chick Starter.....	18.00	3.50	7.00	47.00	.....	.....
Analysis.....	19.51	3.62	5.73	53.63	11.28	6.23
Analysis.....	19.67	4.02	5.53	53.24	11.56	5.98
B & D Brand 16% Protein Dairy Feed.....	16.00	3.00	11.00	48.00	.....	.....
Analysis.....	13.62	2.63	11.07	55.66	9.54	7.48
Analysis.....	16.09	2.64	9.18	53.40	8.77	9.92
Analysis.....	15.69	2.57	11.24	52.57	9.74	8.19
Analysis.....	16.01	2.64	10.87	51.12	11.81	7.55
Analysis <sup>258</sup> .....	16.20	2.28	8.44	53.41	11.72	7.95
Analysis.....	16.02	2.88	10.09	51.32	12.01	7.68
Deacon's Special 30% Protein Supplement for Hogs.....	30.00	4.00	9.00	32.30	.....	.....
Analysis <sup>259</sup> .....	28.53	3.94	8.13	37.82	11.34	10.24
<b>Gray's Feed Store, Cleburne, Texas.</b>						
Gray's Top-Quality Brand Lay Mash.....	19.00	3.50	7.00	49.50	.....	.....
Analysis <sup>260</sup> .....	19.77	4.01	5.90	52.18	10.86	7.28

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>255</sup>Deficient in ground limestone.<sup>256</sup>Rice hulls found, not claimed.<sup>257</sup>Sorghum screenings present, not claimed.<sup>258</sup>Excess of salt.<sup>259</sup>Excess of ground limestone and/or ground oyster shell.<sup>260</sup>Registration cancelled.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Gray's Feed Store,</b> <b>Cleburne, Texas—Continued.</b>						
Red Top Egg Mash.....	20.00	3.50	7.50	45.00		
Analysis <sup>d261</sup> .....	21.53	4.58	6.70	47.57	9.90	9.72
Gray's Top-Quality Brand 18% Protein Dairy Feed.....	18.00	3.50	15.00	43.60		
Analysis <sup>a</sup> .....	18.09	2.83	11.20	48.25	11.22	8.41
Analysis <sup>262</sup> .....	19.75	3.24	10.82	48.53	8.61	9.05
Big G 16% Protein Dairy Feed.....	16.00	3.00	15.00	45.00		
Analysis <sup>a</sup> .....	15.95	3.34	16.39	46.32	8.88	9.12
<b>Great Atlantic &amp; Pacific Tea Company, The,</b> <b>New York, New York.</b>						
Special Talco Laying Mash.....	19.00	3.50	7.50	46.00		
Analysis <sup>b</sup> .....	18.85	4.02	4.71	54.28	10.21	7.93
Analysis <sup>k263</sup> .....	20.15	4.58	4.40	52.39	10.26	8.22
Special Talco 18% Protein Dairy Feed.....	18.00	3.70	12.00	49.00		
Analysis <sup>264</sup> .....	18.97	3.71	8.62	50.68	11.02	7.00
Analysis <sup>265</sup> .....	16.74	2.96	11.80	48.16	12.01	8.33
<b>Great West Grain &amp; Seed Company,</b> <b>Fort Worth, Texas.</b>						
Ground Whole Barley.....	11.00	1.50	6.00	65.00		
Analysis.....	15.51	1.66	6.28	64.38	9.21	2.96
Alfalfa Meal and Cane Molasses.....	11.00	1.20	28.00	39.50		
Analysis.....	12.65	1.34	17.35	47.82	12.69	8.15
Meekin's 16% Protein Dairy Feed.....	16.00	3.00	12.50	48.00		
Analysis.....	11.12	1.85	13.51	54.85	11.30	7.37
Analysis.....	13.90	1.69	13.83	52.63	11.42	6.53
Honest John Brand Sweet Feed.....	9.00	2.00	22.50	44.00		
Analysis <sup>267</sup> .....	6.02	2.69	32.88	35.68	11.75	10.98
Analysis.....	12.16	12.62	22.43	36.53	8.73	7.53
Analysis <sup>266</sup> .....	11.24	7.09	22.43	38.03	12.00	9.21
Analysis.....	10.43	7.37	26.93	34.76	11.36	9.15
Analysis.....	9.50	5.27	30.83	37.26	8.67	8.47
<b>Green Milling &amp; Grain Company, C. L.,</b> <b>Winters, Texas.</b>						
Silver Bell Dairy Feed.....	18.00	3.50	10.00	48.50		
Analysis <sup>e268</sup> .....	19.16	3.61	8.47	53.74	8.95	6.07
Silver Bell Dairy Feed.....	18.00	3.50	9.50	51.00		
Analysis.....	17.49	4.25	8.26	52.27	10.85	6.88
Analysis <sup>269</sup> .....	19.00	3.67	7.25	53.55	9.95	6.58
C. L. Green's Chick Starter.....	17.00	3.50	5.50	53.00		
Analysis <sup>270</sup> .....	17.98	4.07	5.05	55.52	10.23	7.15
C. L. Green's Egg Mash.....	20.30	3.50	6.00	45.00		
Analysis.....	19.81	4.05	4.29	51.57	9.67	10.61
Analysis.....	20.50	4.18	4.59	51.72	9.40	9.61
C. L. Green's Growing Mash.....	17.00	3.50	6.00	52.50		
Analysis <sup>271</sup> .....	16.35	3.70	4.53	58.22	11.01	6.19
C. L. Green's Special Egg Mash.....	18.80	3.50	6.80	49.20		
Analysis.....	19.80	3.95	5.08	53.82	9.93	7.42
Analysis.....	18.85	3.31	3.70	56.91	10.62	6.61

a, b, c, d, e, f, g, h, i, j, k, —See legend at the beginning of this table.

261Incorrectly printed tags attached. Excess of salt.

262Deficient in ground oyster shell. Excess of salt.

263Soybean oil meal found, not claimed.

264Incorrectly printed tags attached.

265Incorrectly printed tags attached. Peanut hulls found, not claimed.

266Excess of salt.

267Carbonate of lime found, not claimed.

268Carbonate of lime found, not claimed.

269Cottonseed meal claimed, not found. Soybean oil meal found, not claimed. Deficient in ground limestone.

270Cottonseed meal found, not claimed.

271Deficient in ground limestone.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent				
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture Crude Ash
<b>Greenville Cotton Oil Company,</b> <b>Greenville, Texas.</b>					
Red Rooster Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....
Analysis.....	43.02	5.63	10.31	28.30	7.04 5.70
Analysis.....	42.80	5.36	11.09	26.71	8.61 5.43
Analysis.....	43.44	5.93	10.35	26.00	8.54 5.74
Analysis <sup>c</sup> .....	42.49	5.76	10.00	27.43	8.69 5.63
Analysis.....	42.59	5.57	10.76	27.11	8.30 5.67
Analysis <sup>c</sup> .....	41.96	6.00	11.03	26.29	9.15 5.57
Analysis <sup>c</sup> .....	41.90	5.46	11.95	26.74	8.50 5.45
Red Rooster Brand Mixed Feed.....	14.50	2.50	45.50	25.50	.....
Analysis.....	17.78	2.27	45.29	21.41	9.33 3.92
<b>Gulf Coast Federated Feed Association,</b> <b>Houston, Texas.</b>					
61% Protein Menhaden Fish Meal.....	61.00	7.50	1.00	4.00	.....
Analysis <sup>i</sup> .....	61.23	4.68	.63	3.33	8.82 21.31
Sweetheart Egg Mash.....	20.00	3.50	8.00	45.00	.....
Analysis <sup>272</sup> .....	20.32	3.00	6.02	50.19	12.34 8.13
Sweetheart 18% Protein Dairy Feed.....	18.00	4.00	11.00	44.50	.....
Analysis <sup>272</sup> .....	17.65	3.71	7.95	46.93	12.34 11.42
Sweetheart Big D Laying Mash.....	18.00	3.50	8.00	47.60	.....
Analysis <sup>273</sup> .....	18.65	3.37	6.60	51.14	12.26 7.98
<b>Gulf Coast Rice Mills,</b> <b>Houston, Texas.</b>					
Rice Bran containing Limestone.....	11.00	10.00	15.00	42.00	.....
Analysis.....	11.30	14.10	12.86	36.84	10.40 14.50
<b>Guthrie Cotton Oil Company,</b> <b>Guthrie, Oklahoma.</b>					
Red Steer Brand 41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....
Analysis <sup>d a</sup> .....	44.64	6.85	5.75	29.63	7.36 5.77
<b>Gutierrez &amp; Company, Teodosio,</b> <b>Laredo, Texas.</b>					
Monterrey Brand Mixed Feed.....	20.00	4.00	10.00	44.00	.....
Analysis.....	19.75	5.51	9.05	47.43	8.51 9.75
41% Protein Peanut Cake.....	41.00	5.00	12.00	25.00	.....
Analysis.....	44.64	7.50	18.40	17.74	7.60 4.12
<b>Hacker Flour Mills,</b> <b>Jefferson, Oklahoma.</b>					
Wheat Bran and Screenings.....	14.50	3.50	10.00	53.00	.....
Analysis.....	16.49	4.56	10.95	50.09	11.95 6.86
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00	.....
Analysis.....	16.40	3.80	5.89	57.94	11.29 4.68
<b>Hairgrove Hatchery,</b> <b>Spur, Texas.</b>					
Spur Maid Dairy Fee.....	15.80	3.00	11.80	50.50	.....
Analysis.....	16.50	3.41	10.80	52.67	10.90 5.72
<b>Hale Center Feed &amp; Seed Company,</b> <b>Hale Center, Texas.</b>					
Panhandle Egg Mash.....	18.00	3.50	7.50	48.50	.....
Analysis.....	18.10	3.66	5.36	54.88	10.84 7.16
<b>Hall-Munden Feed Company,</b> <b>Fort Worth, Texas.</b>					
Hall-Munden Victory Brand Growing Mash...	17.00	3.50	7.50	50.00	.....
Analysis <sup>274</sup> .....	17.25	3.91	5.76	55.64	9.94 7.50

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

272Deficient in powdered oyster shell.

273Excess of salt.

274Incorrectly printed tags attached. Rice bran found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Hall-Munden Feed Company,</b> Fort Worth, Texas—Continued.						
Hall-Munden Victory Brand 16% Protein Dairy Feed.....	16.00	3.00	12.00	43.30	.....	.....
Analysis <sup>274</sup> .....	14.41	3.61	9.48	54.56	10.02	7.92
<b>Hamilton Mill &amp; Elevator Company,</b> Hamilton, Texas.						
Hamco Growing Mash.....	18.00	4.00	7.50	48.00	.....	.....
Analysis.....	18.90	4.43	5.70	55.03	10.34	5.60
Analysis.....	18.38	3.31	5.71	54.67	10.85	7.08
Hamco Economy Brand Egg Mash.....	19.00	3.60	8.00	44.50	.....	.....
Analysis.....	18.94	3.38	6.31	55.33	8.95	7.09
Analysis <sup>a</sup> .....	19.00	3.53	5.99	53.60	10.64	7.24
Analysis <sup>275</sup> .....	18.67	3.85	5.89	53.41	11.69	6.49
Analysis <sup>276</sup> .....	16.87	3.18	5.05	57.41	11.00	6.49
Analysis.....	18.71	3.64	6.20	54.60	9.48	7.37
Hamco Special Feed.....	13.50	3.30	10.00	54.00	.....	.....
Analysis <sup>277</sup> .....	12.62	2.99	11.43	54.96	10.31	7.69
Circle "W" Starter Mash.....	17.50	3.50	6.20	52.50	.....	.....
Analysis <sup>278</sup> .....	18.00	3.71	5.49	54.38	12.08	6.34
Circle "W" Growing Mash.....	16.00	3.50	7.80	52.70	.....	.....
Analysis <sup>278</sup> .....	15.99	3.22	5.66	60.22	11.01	3.90
<b>Hamlin Hatchery,</b> Hamlin, Texas.						
H & H Chick Starter.....	17.00	3.50	5.50	50.00	.....	.....
Analysis <sup>278</sup> .....	17.64	4.50	3.79	55.41	11.68	6.98
<b>Hardeman-King Company,</b> Amarillo, Texas.						
Merit Brand Horse and Mule Feed.....	10.00	2.00	8.00	60.00	.....	.....
Analysis.....	11.31	3.76	6.00	62.32	11.60	5.01
Merit Brand 36% Protein Supplement for Pigs and Hogs.....	36.00	4.00	10.00	27.00	.....	.....
Analysis <sup>279</sup> .....	34.00	6.03	6.98	26.51	8.43	18.05
Square-Meal Brand 36% Protein Supplement for Hogs.....	36.00	3.50	9.50	24.00	.....	.....
Analysis.....	32.77	5.87	6.70	28.65	8.52	17.49
Merit Brand 16% Protein Dairy Feed.....	16.00	3.00	9.50	55.00	.....	.....
Analysis <sup>280</sup> .....	15.93	3.60	6.83	56.88	10.23	6.53
Merit Brand Horse Cake.....	9.00	2.50	3.50	54.00	.....	.....
Analysis.....	12.15	2.94	2.41	66.03	11.11	5.36
Merit Brand Egg Mash.....	18.00	3.50	6.50	46.50	.....	.....
Analysis.....	18.25	3.00	5.64	57.08	8.74	7.29
Merit Brand Egg Mash.....	18.00	3.50	7.00	50.00	.....	.....
Analysis.....	18.00	2.68	5.21	57.54	9.68	6.89
Merit Brand 16.50% Protein Sweet Feed Cubes .....	16.50	3.00	5.00	55.50	.....	.....
Analysis.....	17.80	3.05	2.99	60.30	10.36	5.50
Merit Brand Growing Mash.....	18.00	3.50	6.00	54.50	.....	.....
Analysis.....	18.73	2.99	5.21	58.75	9.04	5.28
Merit Brand Broiler Mash.....	18.00	3.50	7.00	51.50	.....	.....
Analysis.....	20.05	4.08	7.57	52.74	8.22	7.34
Merit Brand Calf Meal.....	22.00	3.50	6.00	48.60	.....	.....
Analysis.....	23.10	3.79	4.52	51.66	11.09	5.84
Merit Brand All-Mash Starter.....	18.00	3.50	7.00	51.50	.....	.....
Analysis.....	19.48	3.51	7.74	52.71	9.49	7.07

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>274</sup>Incorrectly printed tags attached. Rice bran found, not claimed.<sup>275</sup>Deficient in ground oyster shell.<sup>276</sup>Excess of salt.<sup>277</sup>Peanut hay and wheat screenings found, not claimed. Sand present.<sup>278</sup>Deficient in ground limestone and salt.<sup>279</sup>Grain sorghum claimed, not found.<sup>280</sup>Deficient in ground oyster shell. Excess of salt.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Harlingen Cotton Oil Mill,</b> <b>Harlingen, Texas.</b>						
Cotton Bloom Brand 18% Protein Mixed Feed.	18.00	2.60	21.70	35.70	.....	.....
Analysis	18.05	3.66	27.34	38.41	6.45	6.09
Analysis <sup>281</sup>	18.71	3.47	23.42	40.70	6.36	7.34
Cotton Bloom Brand Hog Feed.	14.50	3.00	6.50	53.00	.....	.....
Analysis <sup>282</sup>	19.45	3.12	3.84	56.64	10.46	6.49
Consumers Special Egg Mash.	19.00	4.00	7.50	46.00	.....	.....
Analysis	22.64	4.45	4.94	50.63	9.59	7.75
41% Protein Cottonseed Meal.	41.00	5.00	12.00	25.00	.....	.....
Analysis	41.11	7.07	11.27	28.51	6.25	5.79
Analysis	41.33	7.16	10.87	27.75	7.15	5.74
Analysis <sup>c</sup>	38.92	7.31	11.36	29.16	7.51	5.74
Analysis	41.20	7.67	11.24	27.63	6.67	5.59
Analysis	41.96	7.61	9.43	27.91	7.37	5.72
Cotton Bloom Brand 16% Protein Cow Feed.	16.00	3.00	17.00	44.00	.....	.....
Analysis	17.66	3.03	13.48	48.61	8.60	8.62
Analysis <sup>283</sup>	16.77	2.64	14.17	50.32	9.97	6.13
<b>Harris Feed &amp; Chick Store,</b> <b>Fort Worth, Texas.</b>						
Harris' Emergency Brand Egg Mash.	18.30	3.50	6.20	50.00	.....	.....
Analysis	19.90	3.86	5.40	51.47	10.00	9.37
<b>Harrison, Fred M.,</b> <b>Jarrell, Texas.</b>						
Country Pride Brand 20% Protein Egg Mash.	20.00	3.50	7.00	47.00	.....	.....
Analysis	19.96	4.15	4.13	55.19	9.48	7.09
<b>Harvest Queen Mill &amp; Elevator Company,</b> <b>Plainview, Texas.</b>						
Wheat Gray Shorts and Screenings.	16.00	4.00	6.00	55.00	.....	.....
Analysis	17.76	3.72	3.90	62.68	8.94	3.00
Wheat Bran and Screenings.	15.00	3.00	10.00	50.00	.....	.....
Analysis	16.00	4.21	9.70	55.35	8.64	6.10
<b>Harvester Feed Company,</b> <b>Pampa, Texas.</b>						
Harvester Brand 18% Protein Dairy Feed.	18.00	3.40	11.50	47.50	.....	.....
Analysis	18.90	3.40	9.46	50.27	10.19	7.78
Milo Chop.	10.00	2.50	3.00	70.00	.....	.....
Analysis	13.01	3.39	1.89	68.85	11.27	1.59
<b>Haskell Elevator Company,</b> <b>Haskell, Texas.</b>						
Just-Right Brand Laying Mash.	18.00	3.50	7.00	50.00	.....	.....
Analysis	17.40	2.75	4.29	60.56	9.43	5.57
Just-Right Brand Dairy Feed.	15.60	3.50	10.50	52.50	.....	.....
Analysis <sup>284</sup>	15.68	3.07	12.50	48.02	10.64	10.09
<b>Hayes Grain Company,</b> <b>Whitney, Texas.</b>						
Ear Corn Chop with Husk.	8.00	3.00	10.00	65.00	.....	.....
Analysis <sup>285</sup>	6.91	2.73	11.64	65.82	10.55	2.35
Analysis	7.80	2.84	10.21	65.82	11.35	1.98
Analysis <sup>a</sup>	7.00	2.84	10.43	65.56	11.42	2.75
Cottonseed Hulls and Cottonseed Meal.	13.50	2.00	36.00	38.00	.....	.....
Analysis <sup>k</sup>	14.51	2.48	34.15	39.35	5.62	3.89

<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, <sup>d</sup>, <sup>e</sup>, <sup>f</sup>, <sup>g</sup>, <sup>h</sup>, <sup>i</sup>, <sup>j</sup>, <sup>k</sup>. —See legend at the beginning of this table.<sup>281</sup>Dried citrus pulp claimed, not found. Grain sorghum seed and soybean oil meal found, not claimed.<sup>282</sup>Soybean oil meal found, not claimed.<sup>283</sup>Deficient in ground oyster shell.<sup>284</sup>Peanut hay found, not claimed. Adulterated with rice hulls. Deficient in ground limestone. Excess of salt.<sup>285</sup>Excess of husk.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Heid Bros.,</b> <b>El Paso, Texas.</b>						
Laying Mash.....	18.00	4.00	8.00	46.00	.....	.....
Analysis.....	18.08	4.73	9.18	54.11	7.69	6.21
Analysis.....	17.24	4.36	8.44	50.35	10.10	9.51
Analysis.....	19.32	4.90	8.06	49.57	8.43	9.72
H. B. Dairy Feed.....	15.00	4.00	10.00	54.00	.....	.....
Analysis <sup>286</sup> .....	14.75	4.31	6.08	60.23	9.40	5.23
H. B. Growing Mash.....	15.00	3.50	7.00	54.00	.....	.....
Analysis.....	15.63	5.16	6.26	57.83	9.37	5.75
H. B. Chick Starter Mash.....	18.00	3.80	7.00	51.00	.....	.....
Analysis.....	18.49	4.23	7.72	53.12	10.34	6.10
H. B. Crate Fattener.....	13.00	3.50	6.00	60.00	.....	.....
Analysis.....	12.64	3.61	5.43	65.04	9.27	4.01
<b>Hempstead Implement &amp; Feed Company,</b> <b>Hempstead, Texas.</b>						
Ground Peanut Hay.....	10.00	3.50	24.00	44.00	.....	.....
Analysis <sup>k</sup> .....	10.41	4.47	30.78	32.28	13.92	8.14
<b>Henningsen-Lamesa, Inc.,</b> <b>Lamesa, Texas.</b>						
La-Mesa Brand 18% Protein Egg Mash.....	18.00	3.50	8.00	50.00	.....	.....
Analysis.....	17.75	3.45	5.23	53.79	10.66	9.12
La-Mesa Brand 19% Protein Chick Starter.....	19.00	3.50	7.00	48.00	.....	.....
Analysis.....	20.65	4.58	5.78	50.68	9.70	8.61
La-Mesa Brand Growing Mash.....	17.00	3.50	7.00	52.00	.....	.....
Analysis.....	18.35	4.05	4.33	56.00	9.57	7.70
La-Mesa Brand 18% Protein Egg Mash Pellets.....	18.00	3.50	8.00	50.00	.....	.....
Analysis <sup>287</sup> .....	18.39	4.05	5.59	55.80	7.47	8.70
La-Mesa Brand 11% Protein Sweet Feed.....	11.00	2.00	28.00	40.00	.....	.....
Analysis.....	11.40	2.24	28.03	40.18	8.58	9.57
<b>Henrietta Feed Mill,</b> <b>Henrietta, Texas.</b>						
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....
Analysis.....	12.36	5.68	11.42	57.47	9.87	3.20
Wheat Chop.....	12.00	2.00	3.00	70.00	.....	.....
Analysis.....	14.86	1.70	2.76	68.83	10.08	1.77
<b>Henry Feed Store,</b> <b>Houston, Texas.</b>						
Henry's Mix Dairy Feed.....	21.00	3.60	15.50	40.00	.....	.....
Analysis.....	20.35	4.67	12.78	44.70	10.43	7.07
Analysis <sup>286</sup> .....	20.29	3.75	11.83	45.38	11.70	7.05
<b>High Grade Packing Company Abattoir,</b> <b>Galveston, Texas.</b>						
Oleander Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....
Analysis.....	54.91	10.21	1.85	1.21	6.64	25.18
Analysis.....	53.35	10.61	1.65	.86	6.20	27.33
<b>Highway Feed Store,</b> <b>Houston, Texas.</b>						
Henry's Special Dairy Feed.....	19.00	4.50	9.00	47.00	.....	.....
Analysis <sup>a288</sup> .....	16.68	5.45	11.25	46.69	10.24	9.69
<b>Hill County Cotton Oil Company,</b> <b>Hillsboro, Texas.</b>						
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>c</sup> .....	41.15	6.22	11.89	28.11	7.28	5.35

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>286</sup>Carbonate of lime found, not claimed.<sup>287</sup>Deficient in ground limestone. Excess of salt.<sup>288</sup>Adulterated with rice hulls.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Hill County Cotton Oil Company,</b> Hillshoro, Texas—Continued.						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00		
Analysis.....	42.65	7.10	11.51	26.11	7.54	5.09
Analysis.....	43.51	7.01	10.01	26.79	7.28	5.40
Analysis <sup>e</sup> .....	41.14	6.39	11.65	27.68	8.02	5.12
Analysis <sup>e</sup> .....	41.43	6.44	11.67	27.14	8.26	5.06
Analysis.....	43.33	5.80	11.15	25.56	8.94	5.22
<b>Hill Feed &amp; Seed, Omar,</b> Memphis, Texas.						
Dairy Feed <sup>289</sup> .....	16.50	3.00	10.00	53.00		
Analysis <sup>290</sup> .....	17.70	3.61	7.45	56.17	10.30	4.77
<b>Hill Grain Company, C. F.,</b> Bartlett, Texas.						
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00		
Analysis.....	7.42	3.36	9.03	65.47	12.82	1.90
Analysis.....	6.81	2.86	11.01	64.05	12.98	2.29
<b>Holland Supply Company, T. F.,</b> Tyler, Texas.						
Tylo 20% Protein Dairy Feed.....	20.00	3.20	15.00	46.00		
Analysis.....	20.60	4.08	11.79	45.92	9.38	8.23
Tylo Egg Mash.....	18.00	3.50	6.50	52.00		
Analysis <sup>291</sup> .....	17.70	3.83	6.45	55.86	9.55	6.61
Tylo Growing Mash.....	18.50	3.50	7.00	53.00		
Analysis.....	19.20	4.18	6.98	53.39	9.28	6.97
<b>Holtex Mill,</b> Dallas, Texas.						
Holtex Brand Dairy Mix.....	15.20	3.00	9.80	52.00		
Analysis <sup>292</sup> .....	14.06	3.79	11.19	52.27	9.85	8.84
Analysis <sup>293</sup> .....	13.39	3.25	12.22	56.32	10.03	4.79
<b>Home Mix Feed Company, Inc.,</b> Austin, Texas.						
Our-Own Brand Laying Mash.....	18.40	3.70	6.00	50.00		
Analysis.....	14.36	4.05	5.23	59.09	10.32	6.95
Analysis.....	19.40	5.66	5.62	50.80	9.23	9.29
Analysis <sup>294</sup> .....	18.96	3.82	4.23	56.09	9.91	6.99
Contest Brand All-Mash Starting Ration.....	17.00	3.50	5.80	51.30		
Analysis <sup>295</sup> .....	16.20	4.03	5.47	55.91	12.39	6.00
Analysis.....	17.09	4.38	5.50	53.17	12.37	7.49
H-M Growing Mash.....	16.00	3.50	6.50	51.60		
Analysis <sup>296</sup> .....	16.32	4.50	6.21	56.44	9.44	7.09
Analysis.....	16.90	4.15	5.98	52.94	11.67	8.36
Analysis <sup>297</sup> .....	20.11	4.03	6.33	54.66	8.56	6.31
Next Best Brand Dairy Feed.....	15.00	3.00	9.00	52.70		
Analysis.....	11.65	3.11	9.43	50.86	16.31	8.64
<b>Honaker Grain &amp; Hatchery Company,</b> Farmersville, Texas.						
Best Maid Brand Dairy Feed.....	17.00	3.00	14.30	48.50		
Analysis.....	17.19	3.25	12.14	49.85	11.89	5.68

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>298</sup>Guaranty includes .95% equivalent crude protein from non-protein nitrogen.<sup>299</sup>This includes 1.41% equivalent crude protein calculated from .43% of urea.<sup>290</sup>Excess of salt.<sup>291</sup>Rice bran and rice hulls found, not claimed.<sup>292</sup>Adulterated with rice hulls.<sup>293</sup>Deficient in ground oyster shell.<sup>294</sup>Excess of oyster shell.<sup>295</sup>Deficient in ground oyster shell. Excess of salt.<sup>296</sup>Deficient in ground oyster shell and salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943,  
to August 31, 1944—Continued  
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Honey Grove Cotton Oil Company, The, Honey Grove, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00		
Analysis <sup>c</sup> .....	41.91	7.19	10.28	28.14	6.93	5.55
Analysis <sup>c</sup> .....	42.38	5.93	9.75	27.40	8.82	5.72
Victory Brand All-Mash Laying Ration.....	17.00	3.50	7.50	49.00		
Analysis.....	20.02	4.35	6.38	48.24	11.29	9.72
Victory Brand Dairy Feed.....	17.00	3.50	10.50	49.50		
Analysis.....	17.36	4.27	10.46	49.80	10.90	7.21
Analysis.....	16.61	3.73	9.58	52.33	12.07	5.68
<b>Horton, Hal C., Greenville, Texas.</b>						
Red Diamond Egg Mash.....	18.00	3.50	6.80	49.50		
Analysis <sup>b298</sup> .....	18.18	3.53	3.65	58.09	9.27	7.28
Red Diamond 13% Protein Mixed Feed.....	13.00	2.00	47.70	23.50		
Analysis <sup>b299</sup> .....	11.80	2.28	47.13	24.19	9.53	5.07
Red Diamond Dairy Feed.....	17.00	3.00	14.00	47.30		
Analysis <sup>j300</sup> .....	15.92	2.65	12.38	47.89	11.98	9.18
Red Diamond Dairy Feed.....	16.50	3.00	12.00	50.00		
Analysis.....	18.23	2.94	8.35	51.81	10.81	7.86
Analysis.....	17.61	2.95	10.00	50.99	9.43	9.02
Red Diamond Sweet Feed.....	9.00	2.00	19.50	48.00		
Analysis <sup>298</sup> .....	8.10	1.60	22.90	44.17	14.29	8.94
Analysis <sup>301</sup> .....	9.29	2.05	22.02	44.76	11.72	10.16
Red Diamond 9% Protein Sweet Feed.....	9.00	1.70	25.00	43.00		
Analysis <sup>j302</sup> .....	9.59	2.65	20.18	47.04	9.93	10.61
Red Diamond Hog Feed.....	14.80	3.00	6.00	64.00		
Analysis <sup>299</sup> .....	14.75	2.80	4.00	63.08	10.17	5.20
<b>Houston Cotton Oil Mill, Houston, Texas.</b>						
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00		
Analysis <sup>c</sup> .....	42.43	5.76	10.53	28.44	6.95	5.89
Analysis <sup>c</sup> .....	40.00	6.80	11.90	27.46	8.02	5.82
Analysis <sup>c</sup> .....	41.26	5.88	11.71	28.12	7.61	5.42
Analysis.....	41.70	6.43	11.29	26.77	7.64	6.17
Analysis.....	42.72	7.35	10.98	25.17	7.86	5.92
Analysis.....	43.67	7.27	9.40	26.07	7.52	6.07
Panther Brand Cow Feed.....	13.50	2.20	29.00	40.00		
Analysis <sup>299</sup> .....	12.22	2.73	34.92	33.35	11.90	4.88
Analysis <sup>303</sup> .....	16.05	3.01	25.75	38.03	10.35	6.81
<b>Houston Milling Company, Inc., Houston, Texas, and Branches.</b>						
Arrow Special Laying Mash Pellets.....	19.00	3.50	7.00	48.00		
Analysis <sup>299</sup> .....	14.51	3.75	4.05	60.72	12.30	4.67
Red Arrow Hog Feed.....	14.00	3.00	5.20	60.20		
Analysis.....	16.28	3.00	4.04	60.65	11.22	4.81
Ground Whole Oats.....	11.00	4.00	12.00	58.00		
Analysis.....	12.61	3.57	9.03	60.69	11.05	3.05
Arrow Start-to-Finish Broiler Feed.....	20.00	3.50	7.00	50.00		
Analysis <sup>299</sup> .....	20.10	4.12	4.85	54.02	12.72	4.19
Analysis <sup>304</sup> .....	19.51	4.13	4.67	56.05	11.20	4.44
Arrow Range Cattle Feed Cubes.....	16.00	3.80	8.00	52.00		
Analysis <sup>k</sup> .....	16.70	4.94	5.09	53.59	12.41	7.27
Analysis <sup>j</sup> .....	15.59	3.31	5.39	55.95	13.25	6.51

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>298</sup>Incorrectly printed tags attached.

<sup>299</sup>Deficient in ground oyster shell and salt.

<sup>300</sup>Rice hulls found, not claimed.

<sup>301</sup>Incorrectly printed tags attached. Adulterated with rice hulls. Salt added, not declared.

<sup>302</sup>Screenings and milo found, not claimed.

<sup>303</sup>Soybean oil meal found, not claimed.

<sup>304</sup>Deficient in ground oyster shell.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer, Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Houston Milling Company, Inc.,</b> <b>Houston, Texas, and Branches—Continued.</b>						
Red Arrow 18% Protein Dairy Feed.....	18.00	3.20	10.50	46.00		
Analysis <sup>299</sup> .....	19.74	4.45	8.69	51.29	10.79	5.04
Arrow Broiler Feed.....	19.00	3.50	7.00	49.00		
Analysis <sup>304</sup> .....	19.00	3.26	4.81	56.50	11.70	4.73
Arrow 18% Protein Dairy Feed Cubes.....	18.00	3.50	12.00	43.00		
Analysis <sup>304</sup> .....	18.87	3.36	6.16	53.97	12.82	4.82
Arrow Turkey Breeder Mash.....	21.00	3.50	6.00	46.00		
Analysis <sup>304</sup> .....	19.80	4.84	5.24	52.33	12.60	5.19
Homco Laying Mash.....	18.00	3.50	7.00	51.00		
Analysis.....	20.89	3.32	5.82	53.02	9.22	7.73
Arrow All-Mash Grower.....	15.50	3.50	7.00	43.00		
Analysis.....	16.85	3.01	4.01	59.94	10.45	5.74
Arrow All-Mash Grower.....	15.00	3.50	7.00	53.00		
Analysis <sup>305</sup> .....	19.09	4.62	5.88	54.11	9.70	6.60
Analysis <sup>305</sup> .....	17.94	4.50	4.85	56.07	9.40	7.24
Analysis <sup>305</sup> .....	17.00	4.29	5.18	56.20	10.95	6.38
Arrow 32% Protein Supplement for Hogs.....	32.00	4.50	9.50	28.00		
Analysis <sup>299</sup> .....	31.35	5.38	9.53	33.28	9.65	10.76
Arrow Egg Mash.....	19.50	4.00	8.00	45.20		
Analysis <sup>306</sup> .....	20.93	3.56	6.84	52.23	9.18	7.26
Arrow Egg Mash.....	19.00	3.50	7.00	49.00		
Analysis.....	18.92	3.65	4.58	55.02	11.92	5.91
Analysis.....	18.31	4.16	5.13	54.60	10.22	7.58
Arrow 16% Protein Dairy Feed.....	16.00	3.00	12.00	42.50		
Analysis <sup>307</sup> .....	16.84	3.13	9.85	47.95	12.28	9.95
Analysis <sup>307</sup> .....	14.14	3.44	10.30	50.31	12.28	9.53
Arrow Kafir-Milo Bran.....	13.00	4.00	12.50	55.00		
Analysis.....	12.10	5.19	3.08	67.69	9.84	2.10
Analysis <sup>308</sup> .....	12.03	5.40	3.86	63.79	12.05	2.87
Analysis <sup>308</sup> .....	12.05	5.15	3.81	63.74	12.05	3.20
Red Arrow Maintenance Feed.....	14.00	3.00	10.20	53.00		
Analysis <sup>308</sup> .....	14.73	2.28	4.79	59.49	12.09	6.62
Arrow Emergency 18% Protein Dairy Feed.....	18.00	3.20	9.50	48.50		
Analysis <sup>309</sup> .....	19.86	4.28	7.03	54.46	10.27	4.10
Analysis <sup>310</sup> .....	20.98	4.39	8.15	53.00	9.60	3.88
Analysis.....	19.55	3.85	5.87	54.81	11.26	4.66
Arrow Mixed Grains.....	9.20	3.30	3.00	70.00		
Analysis <sup>311</sup> .....	10.70	3.02	1.61	71.67	11.74	1.26
Wheat Brown Shorts and Screenings.....	16.50	3.50	7.50	53.00		
Analysis.....	16.30	3.22	5.96	57.03	13.49	4.00
Analysis.....	16.28	3.28	5.57	58.07	12.81	3.99
Arrow All-Mash Chick Starter.....	18.00	3.50	7.00	49.50		
Analysis <sup>311</sup> .....	17.15	3.55	4.97	57.60	12.84	3.89
Arrow Bulky Stock Feed.....	12.00	3.00	10.50	50.00		
Analysis <sup>310</sup> .....	13.00	3.03	8.36	57.73	13.03	4.85
Peanut Hay, Flax Plant By-Product, Rice Hulls, Molasses, Oat Hulls, Oyster Shell, and Salt.....	6.00	1.50	25.00	32.00		
Analysis <sup>310</sup> .....	6.20	1.54	23.06	44.74	12.59	11.87
Arrow Hog Feed.....	18.00	3.00	5.50	46.00		
Analysis <sup>310</sup> .....	20.28	5.14	4.63	54.00	9.91	6.04
Texan Sweet Feed.....	9.50	3.50	11.80	53.00		
Analysis <sup>312</sup> .....	12.99	2.04	14.51	48.03	12.77	9.66

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>299</sup>Deficient in ground oyster shell and salt.<sup>304</sup>Deficient in ground oyster shell.<sup>305</sup>Deficient in salt. Excess of ground oyster shell.<sup>306</sup>Peanut meal found, not claimed.<sup>307</sup>Deficient in salt.<sup>308</sup>Rolled oats and brewers' dried grains claimed, not found. Dried citrus pulp found, not claimed.<sup>309</sup>In cube form.<sup>310</sup>Deficient in ground oyster shell and salt.<sup>311</sup>Deficient in ground oyster shell.<sup>312</sup>Adulterated with rice hulls.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture <sup>a</sup>	Crude Ash
<b>Houston Milling Company, Inc., Houston, Texas, and Branches—Continued.</b>						
Arrow Gro-Mash.....	16.00	3.50	7.30	52.00	.....	.....
Analysis.....	26.39	4.74	5.50	<b>46.60</b>	9.36	7.41
Red Arrow Special Laying Mash.....	19.00	4.00	8.00	<b>46.50</b>	.....	.....
Analysis <sup>313</sup> .....	18.57	3.17	4.40	58.25	10.37	5.24
Analysis <sup>310</sup> .....	<b>18.63</b>	<b>3.11</b>	4.36	60.47	9.21	4.22
Arrow Special Laying Mash.....	19.00	3.50	7.00	<b>48.00</b>	.....	.....
Analysis <sup>7</sup> .....	19.79	<b>3.09</b>	5.39	56.17	9.99	5.57
Analysis <sup>310</sup> .....	18.75	3.93	4.40	57.46	11.28	4.18
Analysis <sup>314</sup> .....	17.15	3.88	4.80	55.66	11.58	6.93
Analysis <sup>307</sup> .....	20.40	3.76	5.25	53.06	10.88	6.65
Analysis <sup>311</sup> .....	20.23	4.49	5.02	59.59	5.03	5.64
Analysis.....	20.25	4.67	6.29	50.86	10.95	6.98
Analysis.....	19.20	4.50	5.56	53.33	9.80	7.61
Green Arrow Egg Mash.....	18.00	3.50	7.50	<b>52.00</b>	.....	.....
Analysis.....	19.45	3.63	5.43	54.21	10.88	6.40
Green Arrow Egg Mash.....	20.00	3.50	6.50	<b>49.50</b>	.....	.....
Analysis <sup>7</sup> .....	19.96	3.52	5.07	53.67	9.85	7.93
Analysis <sup>311</sup> .....	21.63	3.66	6.03	53.29	8.58	6.81
Analysis <sup>307</sup> .....	22.33	4.59	5.10	49.68	11.19	7.11
Arrow 18% Protein Dairy Feed.....	18.00	3.50	12.00	<b>43.00</b>	.....	.....
Analysis <sup>7</sup> .....	17.91	5.19	8.73	48.03	11.02	9.12
Analysis <sup>312</sup> .....	14.93	2.87	15.71	46.40	9.67	10.42
Analysis <sup>312</sup> .....	16.16	4.21	11.45	48.27	10.40	9.51
Analysis <sup>312</sup> .....	13.64	2.65	15.16	47.56	10.85	10.14
Analysis <sup>k</sup> .....	18.10	3.96	8.83	47.90	11.93	9.28
Analysis <sup>k</sup> .....	16.78	3.07	9.85	52.09	8.97	9.24
Analysis.....	16.30	3.52	8.00	53.28	11.60	7.30
Analysis.....	14.80	2.58	7.56	53.74	12.77	8.55
Analysis.....	18.71	3.82	7.05	48.45	11.34	9.63
Analysis <sup>312</sup> .....	17.15	2.77	15.14	45.79	8.62	10.53
Analysis <sup>316</sup> .....	16.92	2.68	9.98	49.01	10.22	11.19
<b>Houston Packing Company, Houston, Texas.</b>						
40% Protein Feeding Tankage with Bone.....	40.00	5.00	7.00	0.00	.....	.....
Analysis.....	42.26	15.20	1.88	1.98	6.58	32.10
Analysis.....	42.55	16.19	1.81	2.84	4.38	32.23
Analysis.....	43.90	10.78	1.73	6.80	5.25	31.54
Houston's 50% Protein Meat and Bone Scraps.....	50.00	5.00	4.50	0.00	.....	.....
Analysis.....	47.35	15.15	1.65	3.31	6.45	26.09
Analysis <sup>e</sup> .....	47.53	16.09	1.79	3.14	5.18	26.27
Analysis.....	49.57	15.31	1.62	1.59	5.51	26.40
Analysis <sup>e</sup> .....	49.45	14.73	1.22	1.81	6.66	26.13
Analysis <sup>e</sup> .....	44.45	16.63	2.33	2.06	4.82	29.71
Analysis <sup>e</sup> .....	44.94	14.92	1.58	4.02	7.52	27.02
Analysis.....	52.41	11.27	1.11	1.99	6.82	26.40
Analysis.....	51.81	11.00	1.18	3.26	6.71	26.04
Analysis.....	51.59	10.84	1.48	3.54	8.18	24.37
<b>Hou-Tex Grain Company, Houston, Texas.</b>						
Hou-Tex "Big-Valu" Brand Laying Mash.....	18.00	3.50	6.50	47.00	.....	.....
Analysis.....	20.33	3.64	4.34	51.09	10.41	10.19
Analysis.....	19.55	5.10	5.55	<b>46.64</b>	12.69	10.47

<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, <sup>d</sup>, <sup>e</sup>, <sup>f</sup>, <sup>g</sup>, <sup>h</sup>, <sup>i</sup>, <sup>j</sup>, <sup>k</sup>.—See legend at the beginning of this table.<sup>307</sup>Deficient in salt.<sup>310</sup>Deficient in ground oyster shell and salt.<sup>311</sup>Deficient in ground oyster shell.<sup>312</sup>Adulterated with rice hulls.<sup>313</sup>In pellet form.<sup>314</sup>Excess of salt.<sup>315</sup>Adulterated with rice hulls. Deficient in ground oyster shell.<sup>316</sup>Contains sand.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Hou-Tex Grain Company,</b> <b>Houston, Texas—Continued.</b>						
Big-Valu Brand 18% Protein Dairy Ration <sup>a</sup> .....	18.00	3.50	20.00	38.00	.....	.....
Analysis.....	17.99	4.12	23.38	37.42	9.23	7.86
Analysis.....	17.27	4.41	22.88	36.55	10.77	8.12
Analysis.....	18.08	4.40	18.30	36.89	10.45	11.88
<b>Hugo Milling Company,</b> <b>Hugo, Oklahoma.</b>						
Carnation Brand Dairy Feed.....	16.60	3.00	13.60	48.00	.....	.....
Analysis.....	16.29	3.40	12.16	48.57	11.04	8.54
Analysis.....	18.07	3.38	11.73	46.99	10.99	8.84
Hugo Pride Scratch Feed.....	10.40	3.00	3.50	69.00	.....	.....
Analysis <sup>b</sup> .....	16.24	2.07	3.16	66.71	9.80	2.02
New-Deal Brand Cow Feed.....	18.00	3.00	19.00	42.00	.....	.....
Analysis <sup>b</sup> .....	19.64	2.33	14.20	46.69	8.76	8.38
<b>Hunter Milling Company, The,</b> <b>Wellington, Kansas.</b>						
Wheat Bran and Screenings.....	15.00	3.00	10.00	53.00	.....	.....
Analysis <sup>a</sup> .....	16.00	2.99	10.71	51.64	12.15	6.51
<b>International Milling Company,</b> <b>Greenville, Texas.</b>						
Target Wheat Gray Shorts and Screenings.....	17.00	3.50	6.00	55.00	.....	.....
Analysis <sup>317</sup> .....	16.20	3.87	6.32	56.67	12.48	4.46
Analysis <sup>317</sup> .....	15.67	3.43	6.90	56.74	12.68	4.58
Analysis.....	17.11	3.62	5.85	59.08	10.04	4.30
Hominy Feed.....	10.00	5.00	7.00	60.00	.....	.....
Analysis.....	10.75	6.36	7.77	59.88	9.46	5.78
Analysis.....	11.54	7.98	6.83	59.90	9.72	4.03
Milo and Kafir Mill Feed.....	11.50	5.00	4.50	55.00	.....	.....
Analysis <sup>b</sup> .....	10.86	7.34	3.80	62.96	11.88	3.16
Wheat Low-Grade Feed Flour.....	13.00	1.50	1.50	70.00	.....	.....
Analysis <sup>d</sup> .....	14.25	1.69	.30	71.39	11.71	.66
<b>Interstate By-Products &amp; Supply Company,</b> <b>Fort Worth, Texas.</b>						
Interstate 45% Protein Concentrate.....	45.00	6.00	5.00	5.00	.....	.....
Analysis.....	46.11	12.90	3.22	6.49	6.58	24.70
Analysis.....	45.15	14.48	3.02	5.32	6.54	25.49
Analysis.....	47.26	11.54	3.16	5.38	7.12	25.54
Analysis.....	47.26	10.16	3.02	7.11	7.66	24.79
Analysis.....	46.79	9.22	2.32	5.99	7.13	28.55
<b>Jackson Company, F. G.,</b> <b>Harlingen, Texas.</b>						
Wheat Bran and Whole-Pressed Cottonseed...	20.00	4.50	17.50	39.50	.....	.....
Analysis <sup>a</sup> .....	20.70	4.26	16.15	45.11	8.64	5.14
<b>Jackson County Cotton Oil Company,</b> <b>Ganado, Texas.</b>						
Jaco 30% Protein Whole-Pressed Cottonseed...	30.00	5.00	23.00	29.00	.....	.....
Analysis <sup>318</sup> .....	25.04	8.33	22.17	33.26	6.72	4.48
Jaco Half-and-Half Sweet Feed.....	17.00	3.60	14.00	47.00	.....	.....
Analysis <sup>319</sup> .....	13.16	4.13	13.44	53.52	10.75	5.00
Analysis <sup>320</sup> .....	14.76	4.28	13.38	52.64	10.69	4.25
Analysis <sup>321</sup> .....	15.05	3.94	14.08	51.50	11.03	4.40
Jaco 32% Protein Linseed Meal.....	32.00	6.00	9.00	35.00	.....	.....
Analysis.....	33.31	11.18	9.46	33.78	6.54	5.73

<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, <sup>d</sup>, <sup>e</sup>, <sup>f</sup>, <sup>g</sup>, <sup>h</sup>, <sup>i</sup>, <sup>j</sup>, <sup>k</sup>. —See legend at the beginning of this table.<sup>317</sup>Wheat brown shorts and screenings.<sup>318</sup>Refund paid on three and one-fourth tons. Balance of shipment returned to manufacturer.<sup>319</sup>Excess of salt. Ground oyster shell claimed, not found.<sup>320</sup>Deficient in ground oyster shell.<sup>321</sup>Deficient in ground oyster shell. Excess of salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Jackson County Cotton Oil Company, Ganado, Texas—Continued.</b>						
Jaco 28% Protein Whole-Pressed Cottonseed . .	28.00	6.00	23.00	29.00	.....	.....
Analysis.....	28.30	6.19	23.91	30.51	6.84	4.25
Analysis.....	28.64	6.40	23.12	30.68	6.60	4.56
Analysis.....	26.44	7.81	21.13	30.56	9.68	4.38
Jaco Special Dairy Feed.....	18.00	3.40	13.50	46.00	.....	.....
Analysis <sup>321</sup> .....	17.41	4.18	14.03	50.02	7.42	6.94
<b>Jayton Cotton Oil Mill, Jayton, Texas.</b>						
Chuck Wagon Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>e</sup> .....	40.90	7.12	11.66	27.73	7.16	5.43
Analysis <sup>e</sup> .....	41.48	7.94	11.45	25.80	8.14	5.19
Analysis <sup>e322</sup> .....	40.48	7.15	12.91	26.49	7.61	5.36
Chuck Wagon Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>e</sup> .....	40.68	6.70	12.74	27.17	7.52	5.19
Analysis.....	43.10	7.09	10.39	26.49	7.36	5.57
Chuck Wagon Brand 43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>e</sup> .....	42.25	7.13	11.19	26.38	7.59	5.46
Analysis <sup>e322</sup> .....	38.80	7.11	12.52	27.56	8.92	5.09
Chuck Wagon Brand 41% Protein Soybean Oil Pellets.....	41.00	5.00	6.00	28.00	.....	.....
Analysis.....	43.16	6.48	5.28	28.99	10.31	5.78
<b>Jefferson Packing Company, Beaumont, Texas.</b>						
50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....
Analysis.....	51.00	16.02	1.58	1.41	7.14	22.85
<b>Jones Feed Store, Gus, Jacksboro, Texas.</b>						
G. J. Dairy Feed.....	16.00	3.00	10.00	52.00	.....	.....
Analysis.....	15.55	3.12	7.38	55.27	11.78	6.90
Analysis <sup>323</sup> .....	16.54	2.61	9.80	53.43	11.47	6.15
Egg-Maker Brand Laying Mash.....	18.00	3.50	8.00	50.00	.....	.....
Analysis.....	15.66	3.55	4.04	60.75	11.79	4.21
Analysis.....	18.06	4.49	5.10	54.90	11.53	5.92
<b>Jones Grain Company, R. M., San Angelo, Texas.</b>						
Jones' Special Dairy Feed.....	18.00	4.00	12.00	42.50	.....	.....
Analysis.....	18.49	3.73	10.26	50.17	9.96	7.39
Jones' Special Egg Mash.....	18.00	3.50	7.50	48.00	.....	.....
Analysis.....	19.73	3.78	4.70	54.45	9.82	7.52
Jones' Special Vita-Way Brand Chick Starter.....	17.00	3.50	5.00	53.00	.....	.....
Analysis.....	17.07	4.13	5.24	56.66	10.75	6.15
Jones' Pay-Day Brand Egg Mash.....	18.20	3.70	7.00	49.30	.....	.....
Analysis <sup>324</sup> .....	19.78	3.69	6.89	53.32	9.97	6.35
<b>Jones-Myers Feed Company, Beaumont, Texas.</b>						
Bojak 18% Protein Dairy Feed.....	18.00	4.00	12.00	45.00	.....	.....
Analysis.....	16.64	4.11	6.75	56.42	11.06	5.02
Analysis <sup>325</sup> .....	18.75	3.48	8.69	52.17	11.38	5.53
Analysis <sup>324</sup> .....	22.54	4.31	6.79	49.19	10.94	6.23

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>321</sup>Deficient in ground oyster shell. Excess of salt.<sup>322</sup>Excess cottonseed hulls.<sup>323</sup>Only a trace of ground wheat present. Soybean oil meal, alfalfa meal, and ear corn chop with husk found, not claimed. Deficient in ground oyster shell. Excess of salt.<sup>324</sup>Deficient in ground limestone.<sup>325</sup>Alfalfa meal found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Josey-Miller Company, Inc., Beaumont, Texas.</b>						
Completo Scratch Feed	9.00	3.00	3.00	70.00		
Analysis	9.09	3.39	1.92	71.23	13.19	1.18
Jo-Mil Rolled Oat Groats	16.00	6.00	1.50	65.00		
Analysis	16.40	6.56	1.94	66.59	6.48	2.03
Rice Polishings	11.00	6.00	4.00	55.00		
Analysis <sup>326</sup>	14.18	14.40	3.67	45.87	10.74	11.14
Mo-Cream Brand Steamed Dried Mixed Feed	16.00	4.20	14.50	42.00		
Analysis	16.20	3.61	12.54	48.58	10.54	8.53
Analysis <sup>327</sup>	11.73	2.63	17.29	43.71	11.43	13.21
Analysis	22.08	4.12	11.23	43.71	11.27	7.59
Mash-Base Mixture	9.00	3.00	3.00	70.00		
Analysis	9.20	3.38	2.10	69.45	14.46	1.41
Ideal Brand Laying Mash	20.00	4.50	6.00	46.00		
Analysis	19.86	5.68	5.50	47.93	10.88	10.15
Analysis <sup>328</sup>	21.45	5.77	5.28	45.99	10.27	11.24
Jo-Mil 18% Protein Dairy Feed	18.00	4.50	12.70	40.00		
Analysis <sup>329</sup>	16.31	3.28	8.62	51.80	12.00	7.99
Analysis	17.81	3.81	11.83	49.93	10.57	6.05
Analysis	17.92	3.73	10.40	49.83	10.53	7.59
Analysis <sup>330</sup>	18.69	3.73	9.03	50.50	11.75	6.30
Perfexun Brand Steamed Dried Mixed Feed	9.00	3.00	17.00	47.50		
Analysis	9.05	1.82	16.89	50.04	9.36	12.84
Analysis <sup>331</sup>	7.76	4.82	21.35	41.85	10.11	14.11
Analysis <sup>332</sup>	6.80	1.79	20.18	44.89	12.38	13.96
Big Bag Brand Feed	10.00	3.80	13.50	49.60		
Analysis <sup>333</sup>	11.67	6.10	13.24	46.51	8.28	14.20
Analysis <sup>334</sup>	9.03	2.71	9.09	58.17	12.82	8.18
Jo-Mil Horse and Mule Feed	9.00	3.00	11.50	55.00		
Analysis	11.80	2.07	8.48	61.95	11.06	4.64
Analysis <sup>335</sup>	11.70	2.59	6.64	63.03	11.40	4.64
Analysis <sup>336</sup>	11.90	3.02	8.66	59.76	10.55	6.11
Analysis <sup>336</sup>	11.69	2.57	7.24	63.07	11.18	4.25
Rice Hulls, Peanut Hulls, Screenings, Rice Bran, Molasses, Oat Hulls, Corn Chop, Limestone, and Salt	5.50	1.80	30.00	37.50		
Analysis <sup>337</sup>	15.94	3.02	8.48	54.64	12.18	5.74
Analysis <sup>338</sup>	6.50	1.75	22.51	43.62	10.41	15.21
Analysis	7.64	1.81	17.29	51.69	9.50	12.07
Perfexun Brand All-Mash	15.00	3.50	8.00	49.00		
Analysis <sup>339</sup>	18.71	6.22	7.97	45.61	8.88	12.61
Analysis <sup>340</sup>	19.46	5.26	4.71	50.50	10.21	9.86
Jo-Mil 5 Point Laying Mash	20.00	4.00	8.00	42.30		
Analysis	19.44	6.30	7.01	46.93	9.49	10.83
Analysis	19.40	6.27	6.55	47.98	10.40	9.40
Analysis	18.82	4.04	4.41	58.27	6.11	8.35
Analysis	19.19	4.48	5.34	53.75	9.45	7.79

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

326Weevils present. Calcium carbonate found, not claimed.

327Adulterated with rice hulls.

328Deficient in salt. Excess of ground limestone.

329Cottonseed meal and rice bran claimed, not found. Linseed meal and soybean oil meal found, not claimed.

330Cottonseed meal, dried beet pulp, corn gluten feed and raw bone meal claimed, not found. Soybean oil meal, dried citrus pulp and grain sorghum screenings found, not claimed. Deficient in ground limestone. Excess of salt.

331Excess of rice hulls.

332Excess of salt.

333Excess of ground limestone and salt.

334Dried citrus pulp found, not claimed.

335Corn, molasses, and alfalfa meal claimed, not found. Barley, wheat, wheat bran, wheat screenings and sorghum screenings found, not claimed.

336Barley and screenings found, not claimed.

337Wrong tags attached. Rice hulls, peanut hulls, rice bran, and corn chop not found. This sample contained linseed meal, alfalfa meal and wheat bran.

338Excess rice hulls. Deficient in ground limestone and salt.

339Excess of ground limestone and salt.

340Soybean oil meal found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943,  
to August 31, 1944—Continued  
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Juarez Mercantile Company,</b> <b>El Paso, Texas.</b>						
Oat Shorts and Oat Screenings.....	13.00	8.00	4.00	60.00	.....	.....
Analysis.....	12.98	10.56	2.69	62.62	8.10	3.05
Corn Gluten Feed.....	23.00	2.50	7.00	50.00	.....	.....
Analysis <sup>a</sup> .....	31.73	3.32	5.96	46.08	8.00	4.91
<b>Judd Grain Company,</b> <b>Wichita Falls, Texas.</b>						
Judco Chick Growing Mash.....	16.00	3.50	7.80	51.00	.....	.....
Analysis.....	15.23	3.70	6.86	58.17	9.25	6.79
Screenings Refuse, Peanut Hulls, Kafir Head Chop, and Molasses.....	6.00	1.10	22.50	46.00	.....	.....
Analysis.....	8.30	1.28	16.69	50.28	15.47	7.98
Judd's Royal Brand 16% Protein Mixed Dairy Feed.....	16.00	3.00	10.50	51.00	.....	.....
Analysis.....	16.19	3.73	10.46	52.98	9.09	7.55
<b>Kadane Creamery Company,</b> <b>Dallas, Texas.</b>						
Dried Buttermilk (Feeding).....	32.00	5.00	1.00	35.00	.....	.....
Analysis.....	35.30	5.31	.22	35.68	9.53	13.96
Analysis.....	36.59	5.62	.61	37.34	7.19	12.65
<b>Kalmbach-Burckett Company, Inc.,</b> <b>Shreveport, Louisiana.</b>						
Green Pasture Bulky Economy Brand Ration..	10.00	2.00	15.00	50.00	.....	.....
Analysis <sup>341</sup> .....	13.23	2.67	11.00	51.53	12.95	8.62
<b>Kansas Flour Mills Company,</b> <b>Kansas City, Missouri.</b>						
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00	.....	.....
Analysis <sup>a</sup> .....	19.26	4.29	5.40	55.53	11.07	4.45
<b>Kansas Milling Company, The,</b> <b>Wichita, Kansas.</b>						
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	.....	.....
Analysis.....	17.98	3.92	5.57	58.19	9.98	4.36
Tailor-Made Brand Sweet Feed.....	10.50	2.00	12.00	53.50	.....	.....
Analysis <sup>3342</sup> .....	18.90	3.90	15.80	40.54	8.18	12.68
<b>K B Feed Store,</b> <b>Oglesby, Texas.</b>						
Mixed Hog Feed.....	12.00	2.80	5.00	60.00	.....	.....
Analysis.....	13.96	3.16	3.17	63.47	12.08	4.16
<b>Kearns Grain &amp; Seed Company,</b> <b>Amarillo, Texas.</b>						
Kearns Big K 19% Protein Dairy Feed.....	19.00	3.20	11.00	51.50	.....	.....
Analysis.....	19.78	3.01	7.10	53.14	8.93	8.04
Kearns Big K Growing Mash.....	16.50	3.60	7.50	52.00	.....	.....
Analysis.....	15.61	3.08	4.05	63.06	8.90	5.30
Jumbo Cow Feed.....	10.00	2.00	10.00	54.00	.....	.....
Analysis.....	10.35	2.05	6.29	64.69	9.05	7.57
Kearns Big K 30% Protein Supplement for Poultry.....	30.00	4.60	8.00	27.00	.....	.....
Analysis <sup>343</sup> .....	34.40	5.23	7.35	31.82	9.37	11.83
Kearns Big K 34% Protein Dairy Supplement. Analysis.....	34.00	4.70	9.50	28.00	.....	.....
	35.26	4.76	6.73	33.88	7.61	11.76

*a, b, c, d, e, f, g, h, i, j, k.* —See legend at the beginning of this table.

<sup>341</sup>Carbonate of lime, wheat bran, and milo or kafir found, not claimed.

<sup>342</sup>Blank tags attached.

<sup>343</sup>Deficient in ground oyster shell. Excess of salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Keeton Packing Company,</b> <b>Lubbock, Texas.</b>						
Keeton's Western Brand 50% Protein Digester Tankage with Bone.....	50.00	6.00	3.00	0.00	.....	.....
Analysis <sup>c</sup> .....	48.19	19.56	3.18	3.88	5.17	20.02
Analysis <sup>a c</sup> .....	45.47	21.24	3.17	4.29	5.57	20.26
<b>Keller Grain Company,</b> <b>Keller, Texas.</b>						
Ground Wheat.....	12.00	2.00	3.00	70.00	.....	.....
Analysis <sup>a</sup> .....	14.81	1.80	2.48	67.49	11.09	2.33
Analysis.....	14.35	1.54	2.83	66.98	12.16	2.14
Analysis.....	14.40	1.58	3.44	66.49	11.62	2.47
<b>Kenedy Cotton Oil Mill,</b> <b>Kenedy, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....
Analysis.....	43.72	5.41	11.10	27.61	6.94	5.22
Analysis.....	43.15	5.92	10.29	28.37	7.05	5.22
Analysis.....	43.03	6.54	11.65	26.61	7.09	5.08
Analysis.....	45.10	6.61	8.71	26.85	7.54	5.19
Analysis.....	45.63	6.40	9.80	25.65	7.28	5.24
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	25.00	.....	.....
Analysis.....	46.36	6.16	9.65	25.05	7.35	5.43
<b>Kent Company, The I. H.,</b> <b>Fallon, Nevada.</b>						
Newlands Brand Alfalfa Meal.....	14.00	2.00	33.00	35.00	.....	.....
Analysis.....	14.00	1.79	27.93	38.64	9.13	8.51
<b>Kimbell-Clayton Grocery Co.,</b> <b>Del Rio, Texas.</b>						
Wes-Tex Brand Dairy Feed.....	23.00	3.50	11.00	45.00	.....	.....
Analysis <sup>a</sup> .....	22.64	5.10	8.93	45.16	8.74	9.43
Analysis.....	23.20	3.96	10.60	43.16	9.20	9.88
<b>Kimbell-Diamond Milling Company,</b> <b>Fort Worth, Texas, and Branches.</b>						
Kimco Cattle Feed Cubes.....	14.00	2.60	9.00	51.50	.....	.....
Analysis <sup>k344</sup> .....	13.30	2.64	11.08	55.48	12.60	4.90
Kimbell's "Victory" Sheep Feed Cubes.....	17.00	3.50	8.00	53.00	.....	.....
Analysis <sup>k345</sup> .....	16.25	3.39	5.66	57.51	12.12	5.07
Kimbell's Victory Cow Feed Cubes.....	10.00	2.40	16.80	52.50	.....	.....
Analysis.....	11.69	2.54	7.64	60.41	12.11	5.61
Thrifty Brand Cattle Feed Cubes.....	16.00	3.00	7.00	54.50	.....	.....
Analysis <sup>k345</sup> .....	17.57	3.27	6.93	54.11	13.02	5.10
KB Chicken Fattener.....	14.00	3.70	6.00	58.00	.....	.....
Analysis.....	16.66	4.37	4.68	57.74	10.54	6.01
Milo Bran, Kafir Bran, and Screenings.....	11.50	5.00	4.00	55.00	.....	.....
Analysis.....	13.54	8.23	4.44	59.22	11.01	3.56
Analysis.....	11.09	5.15	4.10	63.12	14.05	2.49
Analysis <sup>e</sup> .....	11.35	4.62	3.20	67.17	11.61	2.05
Milo Mill Feed, Kafir Mill Feed, and Screenings.....	11.50	5.00	4.00	55.00	.....	.....
Analysis <sup>j</sup> .....	11.01	7.66	4.41	64.07	9.61	3.24
KB All-Mash Starter.....	16.00	3.80	6.00	52.00	.....	.....
Analysis <sup>k346</sup> .....	18.35	3.37	4.67	55.98	12.21	5.42
KB All-Mash Starter.....	17.00	3.80	6.00	50.00	.....	.....
Analysis <sup>k346</sup> .....	19.05	3.54	4.33	55.72	11.43	5.93
KB 30% Protein Supplement for Pigs and Hogs.....	30.00	5.00	6.50	36.00	.....	.....
Analysis.....	31.94	4.28	5.32	42.84	9.50	6.12
Kimbell's 5 Egg Mash Pellets.....	18.00	3.50	7.50	46.00	.....	.....
Analysis <sup>k346</sup> .....	20.95	4.25	4.56	53.36	10.48	6.40

<sup>a, b, c, d, e, f, g, h, i, j, k.</sup>—See legend at the beginning of this table.<sup>344</sup>Deficient in ground oyster shell and salt.<sup>345</sup>Deficient in ground limestone.<sup>346</sup>Deficient in ground oyster shell.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Kimbell-Diamond Milling Company, Fort Worth, Texas, and Branches—Cont'd.</b>						
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	.....	.....
Analysis.....	17.90	4.37	5.76	55.56	12.46	3.95
Analysis <sup>347</sup> .....	18.10	4.03	<b>6.96</b>	<b>53.48</b>	12.83	4.60
Analysis.....	17.31	4.05	5.43	56.69	12.63	3.89
Analysis.....	17.67	4.31	5.65	56.94	11.24	4.19
Analysis.....	18.48	4.00	5.20	58.50	10.02	3.80
Kimbell's 5 Egg Mash.....	18.00	3.50	7.50	46.00	.....	.....
Analysis.....	18.48	3.88	5.85	52.71	11.05	8.03
Analysis <sup>346</sup> .....	17.31	3.23	4.65	58.49	10.51	5.81
Analysis <sup>348</sup> .....	17.15	3.40	4.71	58.87	11.28	4.59
Analysis <sup>346</sup> .....	20.05	3.68	6.75	53.94	9.19	6.39
Thrifty Brand Egg Mash Pellets.....	18.00	3.50	7.50	47.00	.....	.....
Analysis.....	17.29	3.94	4.47	55.57	12.81	5.92
Analysis <sup>348</sup> .....	16.75	1.62	5.39	58.49	12.74	5.01
Kimbell's Victory Cow Feed.....	10.00	2.40	16.80	52.50	.....	.....
Analysis.....	11.35	2.72	10.80	55.48	10.42	9.23
KB Egg Mash.....	20.00	3.70	6.50	47.00	.....	.....
Analysis.....	19.86	4.81	6.28	51.50	10.20	7.35
Liberty Horse and Mule Feed.....	9.50	2.40	12.50	53.00	.....	.....
Analysis.....	10.55	3.86	14.23	54.32	9.52	7.52
Thrifty Brand Sweet Feed.....	9.00	2.10	25.00	40.00	.....	.....
Analysis <sup>349</sup> .....	10.10	2.20	20.05	45.99	12.69	8.97
Analysis <sup>349</sup> .....	10.09	1.45	14.82	47.72	17.39	8.53
Analysis <sup>350</sup> .....	12.80	1.65	25.62	35.77	14.65	9.51
Analysis.....	13.91	1.49	25.58	40.41	9.10	9.51
Thrifty Brand Egg Mash.....	18.00	3.50	7.50	47.00	.....	.....
Analysis.....	17.01	3.14	4.92	59.37	10.14	5.42
Analysis.....	15.30	2.38	4.16	62.74	10.62	4.80
Analysis.....	18.49	3.93	5.95	54.14	10.01	7.48
Analysis.....	16.69	2.44	4.91	59.91	11.02	5.03
Analysis <sup>348</sup> .....	17.67	3.40	5.49	58.91	9.78	4.75
Analysis <sup>4</sup> .....	16.90	3.53	4.90	57.06	11.79	5.82
Analysis.....	19.09	3.89	4.85	53.42	10.63	8.12
Analysis.....	16.81	3.78	6.53	54.93	11.30	6.65
Analysis <sup>351</sup> .....	19.54	4.17	5.69	52.77	9.24	8.59
Kimbell's 16% Protein Dairy Feed.....	16.00	3.00	15.00	49.50	.....	.....
Analysis <sup>352</sup> .....	17.75	2.71	13.18	51.80	8.57	5.99
Analysis <sup>j</sup> .....	18.87	3.71	14.03	47.30	9.78	6.31
Analysis <sup>j</sup> .....	16.55	4.15	8.99	54.53	9.99	5.79
Analysis.....	20.49	4.08	11.06	45.99	11.88	6.50
Analysis <sup>353</sup> .....	14.38	3.01	12.34	50.94	11.58	7.75
Analysis <sup>353</sup> .....	17.90	3.39	13.16	46.78	11.99	6.78
Analysis <sup>354</sup> .....	18.62	3.71	19.91	38.83	11.52	7.41
Analysis <sup>355</sup> .....	16.92	3.16	14.79	47.31	12.12	5.70
Analysis.....	16.40	2.72	12.51	50.86	12.72	4.79
Analysis <sup>356</sup> .....	17.66	2.91	17.78	42.41	14.00	5.24
Analysis <sup>357</sup> .....	17.35	2.77	18.96	40.16	14.54	6.22
Analysis.....	16.37	3.17	16.49	46.21	11.98	5.78
Analysis <sup>353</sup> .....	18.66	3.29	11.56	46.30	12.53	7.66
Analysis.....	18.37	3.23	11.40	49.88	11.28	5.84
Analysis <sup>j</sup> .....	17.54	3.83	13.37	47.68	10.15	7.43

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>346</sup>Deficient in ground oyster shell.<sup>347</sup>Wheat brown shorts and screenings.<sup>348</sup>Deficient in ground oyster shell and salt.<sup>349</sup>Grain sorghum screenings found, not claimed.<sup>350</sup>Contains sand and earth. Deficient in ground oyster shell. Excess of salt.<sup>351</sup>Excess of ground oyster shell and salt.<sup>352</sup>Cottonseed meal claimed, not found. Peanut meal found, not claimed.<sup>353</sup>Carbonate of lime found, not claimed.<sup>354</sup>Excess peanut hulls. Carbonate of lime found, not claimed.<sup>355</sup>Excess of salt.<sup>356</sup>Peanut hay found, not claimed.<sup>357</sup>Excess peanut hulls.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Kimbell-Diamond Milling Company,</b> <b>Fort Worth, Texas, and Branches—Cont'd.</b>						
Kimbell's 16% Protein Dairy Feed—Continued						
Analysis <sup>353</sup> .....	16.89	3.26	17.15	43.25	10.66	8.79
Analysis <sup>358</sup> .....	16.30	3.80	17.85	45.04	10.45	6.56
Analysis.....	19.72	3.91	18.27	39.10	9.67	9.33
Analysis.....	21.26	3.09	20.55	35.98	10.56	8.56
Liberty Dairy Feed.....	18.00	3.20	13.00	45.50		
Analysis.....	19.94	3.89	10.03	47.71	10.77	7.66
Analysis.....	17.02	2.48	15.18	46.85	11.40	7.07
Analysis.....	18.01	3.37	8.71	51.71	11.35	6.85
Analysis <sup>359</sup> .....	15.72	2.21	12.16	44.97	16.52	8.42
Analysis.....	21.67	3.31	10.38	46.64	10.75	7.25
Analysis.....	17.91	3.53	8.64	50.74	12.34	6.84
Analysis <sup>360</sup> .....	18.96	3.83	16.09	40.94	12.45	7.73
Analysis <sup>361</sup> .....	17.57	2.61	13.84	45.61	13.15	7.22
Analysis <sup>362</sup> .....	19.18	3.25	15.04	45.94	10.60	5.99
Analysis.....	20.28	3.35	9.55	50.98	8.69	7.15
Analysis.....	18.03	3.88	12.41	46.65	11.14	7.89
Analysis <sup>363</sup> .....	19.50	3.40	11.44	47.48	8.68	9.50
<b>Kimbell Oil Mill, The,</b> <b>Sherman, Texas.</b>						
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00		
Analysis.....	41.80	5.15	11.66	27.76	8.17	5.46
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00		
Analysis.....	42.07	6.18	11.25	27.47	7.78	5.25
Analysis.....	42.54	6.92	11.50	25.77	7.94	5.33
Analysis.....	41.91	5.28	12.05	27.60	7.83	5.33
41% Protein Soybean Oil Meal.....	41.00	6.00	6.00	28.00		
Analysis.....	45.80	4.84	5.07	30.40	8.03	5.86
<b>Knaur Feed Milling Company,</b> <b>Denison, Texas.</b>						
1944 Model Cow Feed.....	15.50	2.00	15.00	45.00		
Analysis <sup>3364</sup> .....	16.69	3.44	12.30	48.32	9.76	9.49
Nox-All Brand Fatner for Poultry.....	12.00	4.00	6.00	66.00		
Analysis.....	12.30	3.82	3.89	64.28	12.30	3.41
<b>Kraft Cheese Company,</b> <b>Chicago, Illinois.</b>						
Lacta Brand Fatner (Feeding).....	30.00	0.50	3.00	45.00		
Analysis.....	31.15	.17	1.05	51.31	7.80	8.52
<b>Kubala Hatchery and Poultry Farm,</b> <b>Schulenburg, Texas.</b>						
Clipper Brand Laying Mash.....	18.00	3.60	5.60	48.00		
Analysis.....	18.22	4.10	5.05	52.99	10.44	9.20
Clipper Brand All-Mash Chick Starter.....	16.60	3.60	7.00	51.50		
Analysis.....	17.21	3.76	4.73	57.14	10.83	6.33
<b>Lamar Cotton Oil Company, The,</b> <b>Paris, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00		
Analysis.....	41.85	6.13	10.73	28.10	7.24	5.95
Analysis.....	43.70	6.32	9.03	27.08	7.94	5.93

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

353Carbonate of lime found, not claimed.

358Carbonate of lime found, not claimed. Excess of salt.

359Musty and mouldy.

360Adulterated with peanut hulls.

361Contains sand and dirt.

362Deficient in ground limestone and salt.

363Excess of salt.

364Incorrectly printed tags attached.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Lamar Cotton Oil Company, The, Paris, Texas—Continued.</b>						
Lamar 22% Protein Dairy Feed.....	22.00	3.50	12.70	41.00	.....	.....
Analysis <sup>365</sup> .....	18.60	3.68	8.83	51.06	11.28	6.55
Lamar Soybean Oil Meal and Limestone.....	41.00	3.30	6.70	27.50	.....	.....
Analysis.....	41.70	5.06	5.70	30.66	8.40	8.48
<b>Lamesa Cotton Oil Company, Lamesa, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....
Analysis.....	43.20	7.33	11.10	26.33	6.80	5.24
<b>Lamkin Brothers, Brownwood, Texas.</b>						
Giltedge Brand Egg Mash.....	19.00	4.00	8.00	49.00	.....	.....
Analysis.....	14.60	2.57	5.18	59.86	10.61	7.18
<b>Larroe Milling Company, Division of General Mills, Inc., Detroit, Michigan.</b>						
Dried Beet Pulp.....	7.00	0.30	22.50	48.00	.....	.....
Analysis.....	8.93	.35	20.99	59.76	6.90	3.07
<b>Lavaca Oil Company, Hallettsville, Texas.</b>						
43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	42.60	7.07	9.25	27.03	8.30	5.75
<b>Lawrence Hatchery and Feed, Wheeler, Texas.</b>						
Lawrence's Best 16% Protein Growing Mash..	16.00	3.50	6.00	50.00	.....	.....
Analysis.....	17.68	3.60	4.80	56.73	10.05	7.14
Lawrence's Best 20% Protein Egg and Breeder Mash.....	20.00	4.50	6.50	46.00	.....	.....
Analysis.....	20.44	4.03	6.38	49.20	10.83	9.12
Lawrence's Best 24% Protein Dairy Feed.....	24.00	3.50	7.80	40.00	.....	.....
Analysis.....	19.02	3.96	8.44	49.69	13.22	5.67
<b>Lawther Mills, W. J., Dallas, Texas.</b>						
Lawther's Range Feed Cubes.....	13.00	2.90	8.50	60.00	.....	.....
Analysis <sup>367</sup> .....	16.05	2.65	6.14	56.73	12.40	6.03
Lawther's Emergency 10% Protein Cow Feed..	10.00	2.00	12.00	56.00	.....	.....
Analysis.....	12.35	2.94	10.60	55.81	11.24	7.06
Analysis <sup>366</sup> .....	12.04	3.12	15.96	49.40	11.28	8.20
Queen-of-Dixie Brand Starting Feed.....	17.50	3.50	7.00	52.00	.....	.....
Analysis.....	19.32	3.33	5.05	53.68	10.62	8.00
Lawmi 9% Protein Sweet Feed.....	9.00	2.00	17.00	50.00	.....	.....
Analysis <sup>367</sup> .....	8.59	2.91	18.84	48.01	11.99	9.66
Farmers Big Six Sweet Feed (For Horses and Mules).....	10.00	2.80	11.00	55.00	.....	.....
Analysis.....	11.39	2.45	10.80	56.29	11.47	7.60
Queen-of-Dixie Brand Egg Laying Mash.....	19.00	3.50	8.00	47.00	.....	.....
Analysis <sup>368</sup> .....	15.65	3.07	5.45	59.54	12.05	4.24
Analysis.....	18.05	3.44	5.93	54.57	11.00	7.01
Analysis.....	19.19	3.23	5.63	54.23	10.34	7.38
Analysis.....	20.33	3.17	6.39	52.78	10.09	7.24
Queen-of-Dixie Brand Egg Laying Mash Pellets	19.00	3.50	8.00	47.00	.....	.....
Analysis.....	16.67	3.02	5.26	59.23	9.97	5.85

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>365</sup>Deficient in ground limestone.<sup>366</sup>Adulterated with rice hulls and peanut hulls.<sup>367</sup>Carbonate of lime found, not claimed.<sup>368</sup>Deficient in ground oyster shell and salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitro-free Extract	Moisture	Crude Ash
<b>Lawther Mills, W. J.,</b> <b>Dallas, Texas—Continued.</b>						
Lawther's Complete Chick Ration (All-Mash Starter).....	15.50	3.50	7.00	50.00	.....	.....
Analysis.....	20.75	4.06	6.53	51.12	8.92	8.62
Analysis.....	20.95	3.25	7.04	49.77	10.62	8.37
Sure-Nuff Brand Big 5 Laying Mash.....	18.00	3.50	8.00	49.00	.....	.....
Analysis.....	18.60	3.77	6.47	54.77	10.43	5.96
Analysis <sup>368</sup> .....	15.72	2.87	6.56	58.70	11.57	4.58
Analysis.....	17.14	3.20	6.53	54.13	11.40	7.60
Analysis <sup>369</sup> .....	19.99	4.16	6.61	51.50	10.48	7.26
Analysis.....	19.47	3.15	5.63	55.17	9.18	7.40
Sure-Nuff Brand Big 5 Laying Mash Pellets.....	18.00	3.50	8.00	49.00	.....	.....
Analysis <sup>370</sup> .....	16.66	3.22	5.93	56.27	11.70	6.22
Analysis.....	19.85	3.17	5.67	53.71	10.13	7.47
Sure-Nuff Brand Horse and Mule Feed.....	10.40	2.50	10.00	59.50	.....	.....
Analysis.....	11.84	3.49	8.78	58.94	12.14	4.78
Analysis <sup>371</sup> .....	11.40	4.66	11.20	52.91	15.05	4.78
Queen-of-Dixie Brand Growing Mash.....	16.50	3.50	7.50	52.00	.....	.....
Analysis.....	20.77	3.24	6.05	52.37	9.22	8.35
Lawther's Dairyman's 16% Protein Own-Mix.....	16.00	3.50	15.00	42.00	.....	.....
Analysis.....	16.00	3.64	14.16	46.64	11.66	7.90
Analysis <sup>372</sup> .....	16.70	3.08	11.43	49.08	11.77	7.94
Analysis.....	17.54	3.05	13.85	46.92	9.70	8.94
Analysis <sup>372</sup> .....	18.09	3.79	10.90	49.22	9.90	8.10
Analysis <sup>373</sup> .....	16.05	4.10	10.31	51.61	9.35	8.58
Sure-Nuff Brand Dairy Feed.....	18.00	3.00	13.00	44.50	.....	.....
Analysis.....	19.75	3.07	11.32	45.20	11.61	9.05
Sure-Nuff Brand Dairy Feed.....	18.00	3.00	14.00	40.00	.....	.....
Analysis.....	19.29	3.21	12.50	46.35	10.76	7.89
Analysis.....	19.41	3.35	12.50	45.89	9.45	9.40
Analysis.....	19.84	4.03	14.92	43.54	10.05	7.62
Analysis <sup>374</sup> .....	22.39	3.05	11.43	45.98	8.70	8.45
Lawther's Emergency 12% Protein Cow Feed.....	12.00	2.50	15.00	48.00	.....	.....
Analysis <sup>375</sup> .....	11.60	2.68	9.50	56.67	12.85	6.70
Analysis <sup>376</sup> .....	10.73	2.51	14.17	56.13	11.33	5.13
Analysis <sup>377</sup> .....	12.00	3.97	11.96	51.30	10.52	10.25
Analysis.....	12.76	3.52	12.86	54.16	10.18	6.52
<b>Leger Mill Company,</b> <b>Altus, Oklahoma.</b>						
Big J Laying Mash.....	18.00	3.70	7.00	46.00	.....	.....
Analysis.....	18.30	4.10	5.43	55.42	9.41	7.34
<b>Lester Feed &amp; Produce Store, C. C.,</b> <b>Weimar, Texas.</b>						
Lester's Best Growing Mash.....	16.00	3.50	6.00	55.00	.....	.....
Analysis.....	16.62	3.23	4.33	58.13	11.74	5.95
Lester's Best Pig and Hog Feed.....	16.50	3.50	5.00	58.00	.....	.....
Analysis.....	20.80	3.15	3.95	54.68	10.76	6.66
Analysis <sup>375</sup> .....	20.94	3.17	3.91	54.72	10.97	6.29
Lester's Best 32% Protein Supplement for Hogs.....	32.00	5.50	7.50	24.50	.....	.....
Analysis.....	32.06	8.60	6.31	27.26	8.41	17.36
Lester's Best Laying Mash.....	27.50	3.80	6.00	46.00	.....	.....
Analysis.....	21.28	4.19	5.39	51.56	11.35	6.23

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>368</sup>Deficient in ground oyster shell and salt.<sup>369</sup>Deficient in salt. Excess of ground oyster shell.<sup>370</sup>Deficient in salt. Excess of ground oyster shell.<sup>371</sup>Carbonate of lime, peanut hay, and grain sorghum screenings found, not claimed.<sup>372</sup>Soybean oil meal found, not claimed.<sup>373</sup>Corn gluten feed found, not claimed.<sup>374</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed. Deficient in ground oyster shell and salt.<sup>375</sup>Deficient in ground oyster shell.<sup>376</sup>Peanut hulls found, not claimed. Deficient in ground oyster shell.<sup>377</sup>Sand and earth present.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Lewisville Feed Mills, Lewisville, Texas.</b>						
Hi-Lo Egg Mash.....	18.00	3.50	8.00	49.00		
Analysis.....	17.90	3.50	6.00	53.29	10.56	8.75
Sunshine Brand Chick Starter.....	17.00	3.50	6.50	52.00		
Analysis.....	18.00	4.23	5.98	55.65	10.06	6.08
Jay's 18% Protein Dairy Feed.....	18.00	3.00	10.10	50.70		
Analysis.....	18.50	3.23	9.04	53.41	9.65	6.17
Sunshine Brand Turkey Starter.....	24.00	4.00	7.50	40.50		
Analysis <sup>378</sup> .....	24.55	4.07	6.30	44.40	10.13	10.55
<b>Liberty Mills, San Antonio, Texas.</b>						
Boss Brand Sweet Feed.....	10.00	2.00	9.00	56.50		
Analysis <sup>379</sup> .....	12.85	4.33	12.89	50.03	10.15	9.75
Analysis <sup>380</sup> .....	7.77	1.49	11.49	44.42	13.08	21.75
Liberty Special Horse and Mule Feed.....	9.70	2.00	12.00	54.50		
Analysis <sup>381</sup> .....	12.90	2.29	8.10	58.23	10.47	8.01
Hearts Delight Brand Growing Mash.....	16.00	4.00	4.50	57.00		
Analysis.....	15.49	4.05	4.00	60.21	11.89	4.36
Hearts Delight Brand All-Mash Starter.....	17.50	4.00	6.00	48.00		
Analysis <sup>382</sup> .....	16.00	4.11	5.28	55.90	12.21	6.50
Analysis <sup>383</sup> .....	16.64	4.33	4.88	57.18	10.99	5.98
Hearts Delight Brand Pig Starter.....	24.00	4.00	6.00	46.70		
Analysis <sup>384</sup> .....	24.16	3.75	5.18	51.38	10.45	5.08
Hearts Delight Brand Hog Feed.....	14.00	3.00	7.50	55.50		
Analysis <sup>385</sup> .....	15.84	3.60	5.48	57.11	12.80	5.17
Analysis <sup>386</sup> .....	16.52	3.12	5.05	58.77	11.73	4.81
Liberty Special Laying Mash Pellets.....	18.00	3.50	6.00	50.50		
Analysis <sup>386</sup> .....	18.97	4.30	5.13	54.62	11.13	5.85
Analysis.....	20.45	4.08	5.96	51.69	10.34	7.48
Hearts Delight Brand All-Mash Growing Ration.....	15.00	3.50	7.00	55.50		
Analysis <sup>385</sup> .....	15.50	3.88	4.15	60.20	12.14	4.13
Analysis <sup>386</sup> .....	17.45	4.91	5.64	55.84	10.99	5.17
Analysis.....	17.73	4.28	5.29	55.74	10.96	6.00
Hearts Delight Brand Turkey Starter.....	23.00	3.50	6.50	41.50		
Analysis <sup>387</sup> .....	22.25	5.48	6.11	47.81	9.81	8.54
Corn Bran.....	8.00	5.00	12.00	60.00		
Analysis.....	11.62	9.67	4.92	60.45	10.23	3.11
Hearts Delight Brand Breeding and Laying Mash.....	19.50	3.60	7.80	49.00		
Analysis.....	16.08	4.69	4.18	56.17	11.01	7.87
Liberty Special Laying Mash.....	18.00	3.50	6.00	50.50		
Analysis.....	19.50	4.46	5.94	53.89	10.06	6.15
Analysis <sup>386</sup> .....	18.53	3.89	4.42	57.14	10.30	5.72
Analysis <sup>386</sup> .....	15.87	3.40	3.15	61.89	10.33	5.36
Analysis <sup>387</sup> .....	18.49	4.15	4.67	52.73	11.96	8.00
Analysis <sup>386</sup> .....	18.92	4.07	4.60	55.29	10.55	6.57
Hearts Delight Brand Kafir Bran and Milo Bran	12.50	5.00	12.50	52.50		
Analysis.....	12.45	4.62	3.12	66.41	11.28	2.12
Analysis.....	11.64	7.52	3.85	63.24	10.70	3.05
Analysis.....	11.89	6.67	3.44	64.77	10.50	2.73

a, b, c, d, e, f, g, h, i, j, k, —See legend at the beginning of this table.

<sup>378</sup>Excess of salt.<sup>379</sup>Deficient in ground limestone and salt.<sup>380</sup>Contains sand and earth. Deficient in ground limestone.<sup>381</sup>Linseed meal claimed, not found. Cottonseed meal found, not claimed.<sup>382</sup>Excess of salt.<sup>383</sup>Deficient in ground limestone. Excess of salt.<sup>384</sup>Deficient in salt. Excess of ground limestone.<sup>385</sup>Deficient in ground limestone and salt.<sup>386</sup>Deficient in ground limestone.<sup>387</sup>Corn gluten feed found, not claimed.



**Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued**

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Liberty Mills, San Antonio, Texas—Continued.</b>						
Doo-Lay Brand Laying Mash	20.00	3.50	6.30	50.00		
Analysis	19.21	4.34	5.40	55.90	9.26	5.89
Analysis	19.24	3.46	3.41	55.49	10.88	7.52
Analysis	19.20	4.59	4.76	52.26	11.69	7.50
Analysis	20.69	4.05	3.85	50.74	13.32	7.35
Analysis	19.59	4.27	5.00	52.79	11.01	7.34
Analysis <sup>388</sup>	18.51	3.99	5.73	53.06	11.66	7.05
Analysis <sup>382</sup>	21.40	4.46	5.93	50.38	10.69	7.14
Hearts Delight Brand 18% Protein Dairy Feed	18.00	3.20	9.80	47.00		
Analysis	16.59	4.35	8.99	51.93	9.39	8.75
Analysis <sup>385</sup>	16.20	4.11	7.60	55.13	11.23	5.73
Analysis <sup>385</sup>	15.30	2.98	6.97	54.02	13.93	6.80
Analysis	13.93	2.67	6.78	54.41	13.51	8.70
Analysis <sup>386</sup>	18.39	3.10	7.15	52.68	11.64	7.04
Analysis	17.49	3.69	9.36	49.74	11.55	8.17
Analysis	21.66	4.15	8.23	45.26	12.60	8.10
Analysis <sup>385</sup>	20.46	3.93	7.90	47.22	11.99	8.50
Analysis <sup>389</sup>	17.78	2.70	8.65	49.22	12.02	9.63
<b>Light Grain &amp; Milling Company, The, Liberal, Kansas.</b>						
Wheat Bran and Scourings	14.50	3.00	10.00	53.00		
Analysis	15.80	3.41	9.47	56.20	8.65	6.47
Wheat Mixed Feed and Screenings	16.00	3.50	8.50	52.00		
Analysis	16.12	3.60	5.96	58.38	11.42	4.52
Enner-Jee Brand Egg Mash	18.00	3.60	7.00	49.00		
Analysis	14.46	3.21	5.06	60.31	9.08	7.88
Analysis	16.67	2.81	5.41	58.00	9.62	7.49
Analysis <sup>a</sup>	14.04	3.07	5.15	60.97	9.78	6.99
Enner-Jee All-Mash Laying Ration	15.00	3.50	7.00	50.00		
Analysis <sup>7</sup>	15.77	3.11	6.00	56.65	10.63	7.84
Analysis <sup>7</sup>	16.33	2.81	5.99	57.93	10.11	6.83
Analysis <sup>390</sup>	15.76	3.15	5.15	57.46	11.91	6.57
Red Diamond Growing Mash	17.00	4.30	6.00	54.50		
Analysis	17.30	3.32	6.11	55.14	10.65	7.48
Red Diamond 15% Protein Dairy Feed	15.00	3.00	12.50	40.00		
Analysis <sup>391</sup>	14.23	3.23	8.00	58.87	8.80	6.87
Analysis	17.54	2.72	9.28	51.59	10.47	8.40
Red Diamond Chick Starter Mash	18.50	4.50	5.80	52.90		
Analysis	18.95	3.81	6.27	52.09	10.11	8.77
Red Diamond Egg Mash	19.00	3.50	6.00	50.00		
Analysis	12.88	2.96	6.00	62.55	9.07	6.54
Analysis <sup>392</sup>	15.85	4.10	5.69	57.83	8.57	7.96
<b>Lochte Storage &amp; Commission Company, Fredericksburg, Texas.</b>						
Guffy Brand Cow Feed	19.00	4.00	11.00	49.00		
Analysis <sup>393</sup>	17.60	3.84	10.50	51.53	11.63	4.90
<b>Longview Cotton Oil Company, Longview, Texas.</b>						
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00		
Analysis	41.90	7.26	10.43	27.60	6.97	5.84
Analysis	42.12	8.16	9.10	26.48	8.69	5.45
41% Protein Soybean Oil Meal	41.00	5.00	6.00	28.00		
Analysis	43.76	6.00	5.47	30.25	8.83	5.69

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>382</sup>Excess of salt.<sup>385</sup>Deficient in ground limestone and salt.<sup>388</sup>Processed garbage found, not claimed.<sup>389</sup>Sand and earth present. Deficient in ground limestone.<sup>390</sup>Deficient in ground limestone.<sup>391</sup>Deficient in ground limestone. Excess of salt.<sup>392</sup>Linseed meal found, not claimed.<sup>393</sup>Excess of salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Longview Cotton Oil Company,</b> <b>Longview, Texas—Continued.</b>						
Soy-Ri-Co Mixed Feed.....	11.00	1.40	35.50	35.50	.....	.....
Analysis.....	12.49	1.77	32.48	37.90	7.05	8.31
<b>Lovitt &amp; Company, L. B.,</b> <b>Memphis, Tennessee.</b>						
"Lovit Brand" 41% Protein Cottonseed Meal..	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	40.40	5.63	11.08	29.05	7.59	6.25
"Lovit Brand" 41% Protein Soybean Oil Meal.	41.00	3.50	7.00	29.00	.....	.....
Analysis.....	43.82	4.05	5.88	29.37	11.13	5.75
<b>Lubbock Cotton Oil Company,</b> <b>Lubbock, Texas.</b>						
Lucko Brand 43% Protein Cottonseed Meal...	43.00	5.20	12.00	25.00	.....	.....
Analysis.....	42.53	5.70	11.82	28.23	6.42	5.30
Analysis.....	42.63	5.70	11.43	28.63	6.61	5.00
Analysis.....	43.25	6.02	10.39	28.32	6.78	5.24
Lucko Brand 43% Protein Cottonseed Cubes..	43.00	5.20	12.00	25.00	.....	.....
Analysis <sup>394</sup> .....	41.09	5.41	11.52	28.98	7.98	5.02
Analysis <sup>c</sup> .....	42.01	5.84	10.74	28.38	7.94	5.09
Analysis.....	43.75	5.88	9.80	27.99	7.47	5.11
<b>Lufkin Milling Company,</b> <b>Lufkin, Texas.</b>						
Corn Chop.....	9.00	3.50	3.00	70.00	.....	.....
Analysis.....	9.50	4.36	2.79	69.69	12.38	1.28
<b>Lynch Feed &amp; Fuel, Shuck,</b> <b>Fort Worth, Texas.</b>						
"Cow-Joy" Brand Ground Whole Oats, Ear Corn Chop with Husk, Milo Chop, Milo Head Chop, Cottonseed Hulls, and Peanut Hulls.....	8.00	2.20	22.60	53.30	.....	.....
Analysis <sup>395</sup> .....	10.35	2.85	21.17	50.05	9.46	6.12
Shuck's 17% Protein Dairy Feed.....	17.00	3.20	8.50	54.00	.....	.....
Analysis <sup>395 a</sup> .....	18.16	2.81	6.47	57.96	9.55	5.05
<b>Lysle Milling Company, The J. C.,</b> <b>Leavenworth, Kansas.</b>						
Wheat Bran and Screenings.....	14.50	3.50	10.00	50.00	.....	.....
Analysis.....	17.45	4.26	9.10	51.90	11.00	6.29
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00	.....	.....
Analysis.....	16.10	3.55	5.19	59.23	12.37	3.56
<b>McCulloch County Cotton Oil Mill,</b> <b>Brady, Texas.</b>						
Cotton Bloom Brand 20% Protein Range Feed.	20.00	3.50	10.50	45.00	.....	.....
Analysis <sup>396</sup> .....	21.77	3.93	11.31	47.91	8.09	6.99
Cotton Bloom Brand Turkey All-Mash Laying Ration Pellets.....	17.00	3.50	7.50	50.00	.....	.....
Analysis.....	18.60	3.79	6.11	53.23	10.35	7.92
Consumer's Special 18% Protein Dairy Feed...	18.00	3.00	11.50	41.00	.....	.....
Analysis <sup>397</sup> .....	17.05	3.31	11.22	49.91	10.08	8.43
Cotton Bloom Brand 18% Protein Dairy Feed.	18.00	3.50	12.00	47.00	.....	.....
Analysis <sup>j</sup> .....	18.09	4.76	10.18	47.76	10.13	9.08
Cotton Bloom Brand Chick Starter.....	19.00	4.00	5.50	52.00	.....	.....
Analysis.....	18.72	4.23	4.30	54.18	11.63	6.94
Cotton Bloom Brand Growing Mash.....	18.50	4.00	5.50	53.00	.....	.....
Analysis.....	18.19	4.58	4.60	53.68	11.33	7.62

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>394</sup>Off color.<sup>395</sup>Rice hulls found, not claimed.<sup>395a</sup>Linseed meal found, not claimed.<sup>396</sup>Incorrectly printed tags attached. Deficient in ground limestone. Excess of salt.<sup>397</sup>Rice bran found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>McCulloch County Cotton Oil Mill, Brady, Texas—Continued.</b>						
Cotton Bloom Brand 32% Protein Concentrate for Laying Hens.....	32.00	5.00	7.00	27.00	.....	.....
Analysis.....	31.91	5.34	9.22	32.42	8.25	12.86
Analysis.....	31.15	5.83	5.73	34.48	8.05	14.76
Cotton Bloom Brand Starter and Broiler Mash. Analysis.....	18.50	4.00	5.50	53.00	.....	.....
	18.26	4.65	5.30	51.83	12.05	7.91
Cotton Bloom Brand 41% Protein Soybean Oil Meal.....	41.00	6.00	6.00	28.00	.....	.....
Analysis.....	42.99	7.16	6.12	30.51	7.84	5.38
Cotton Bloom Brand Laying Mash.....	21.00	4.00	7.00	47.00	.....	.....
Analysis.....	22.00	4.22	6.63	48.42	10.00	8.73
Cotton Bloom Brand 41% Protein Supplement for Hogs.....	41.00	4.50	12.50	20.00	.....	.....
Analysis.....	40.28	6.40	12.80	21.06	7.23	12.23
Analysis.....	42.11	6.96	11.69	19.71	7.09	12.44
Analysis.....	39.93	6.61	12.41	21.06	7.96	12.03
Analysis <sup>398</sup> .....	41.78	6.29	12.35	20.57	7.50	11.51
Analysis <sup>399</sup> .....	40.93	6.29	10.88	21.05	8.44	12.41
Cotton Bloom Brand 24% Protein Dairy Feed. Analysis <sup>400</sup> .....	24.00	4.00	11.00	41.50	.....	.....
	23.63	4.66	13.06	43.25	9.15	6.25
Analysis <sup>e</sup> .....	25.00	4.19	10.23	43.52	9.66	7.40
Cotton Bloom Brand 24% Protein Dairy Feed. Analysis <sup>397</sup> .....	24.00	4.00	11.50	41.00	.....	.....
	24.60	5.05	10.11	42.69	9.90	7.65
Analysis.....	24.90	4.18	10.73	43.41	8.63	8.15
Consumer's Special Egg Mash.....	20.00	3.50	8.00	48.00	.....	.....
Analysis.....	19.40	4.05	7.55	51.09	9.66	8.25
Analysis.....	20.59	3.69	6.57	51.85	9.70	7.60
Analysis <sup>401</sup> .....	22.67	4.76	7.25	45.76	8.95	10.61
Panther Brand Sweet Feed.....	9.00	2.00	26.00	38.00	.....	.....
Analysis.....	10.35	3.17	20.83	45.23	13.20	7.22
Analysis.....	10.53	2.37	23.36	44.51	9.70	9.53
Cotton Bloom Brand 43% Protein Peanut Meal Analysis.....	43.00	6.00	12.00	23.00	.....	.....
	42.65	7.68	12.06	24.75	6.18	6.68
<b>McDonald Packing Company, Alex. Lubbock, Texas.</b>						
50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	2.00	.....	.....
Analysis <sup>e</sup> .....	46.58	16.00	3.39	4.77	6.01	23.25
<b>McIver Feed &amp; Milling Company, San Antonio, Texas.</b>						
48% Protein Meat and Bone Meal.....	48.00	6.00	3.00	0.00	.....	.....
Analysis <sup>a e</sup> .....	45.90	15.64	2.62	3.04	6.22	26.58
<b>McKnight Feed &amp; Hatchery, C. S., Newcastle, Texas.</b>						
McKnight's Dairy Feed.....	21.00	4.00	10.00	43.50	.....	.....
Analysis.....	22.30	4.96	10.63	47.37	8.32	6.42
<b>Maddox Feed Store, Gordon, Texas.</b>						
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....
Analysis.....	11.20	5.84	9.85	59.44	9.74	3.93
Ground Whole Barley.....	11.00	1.50	6.00	65.00	.....	.....
Analysis.....	11.20	1.79	4.73	70.32	9.63	2.33
Maddox Hog Feed.....	17.00	3.00	8.00	62.00	.....	.....
Analysis <sup>402</sup> .....	18.40	3.90	7.18	54.45	8.30	7.77

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>397</sup>Rice bran found, not claimed.<sup>398</sup>Carbonate of lime found, not claimed.<sup>399</sup>Excess of salt. Carbonate of lime found, not claimed.<sup>400</sup>Cottonseed meal claimed, not found.<sup>401</sup>Excess of salt.<sup>402</sup>Deficient in ground limestone.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Maddox Feed Store,</b> <b>Gordon, Texas—Continued.</b>						
Victory Brand Dairy Feed.....	17.60	3.00	12.00	48.00	.....	.....
Analysis <sup>403</sup> .....	17.25	3.33	8.01	53.96	9.80	7.65
Analysis.....	17.00	3.18	9.16	53.91	8.92	7.83
Special Egg Mash.....	18.00	3.50	6.00	50.50	.....	.....
Analysis.....	21.35	4.18	6.85	49.39	8.07	10.16
Analysis <sup>404</sup> .....	17.55	3.19	5.98	54.73	8.56	9.99
<b>Magness, B. P.,</b> <b>Earle, Arkansas.</b>						
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	40.45	5.53	13.16	28.23	6.57	6.06
Analysis <sup>405</sup> .....	41.80	4.13	12.88	29.82	5.31	6.06
<b>Magnolia Provision Company,</b> <b>Houston, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....
Analysis.....	42.18	6.08	10.51	26.11	9.17	5.95
Analysis.....	41.65	6.44	12.35	26.29	7.60	5.67
Analysis.....	42.34	6.10	10.72	26.57	8.44	5.83
Magnolia Brand 28% Protein Whole-Pressed Cottonseed.....	28.00	5.00	23.00	29.00	.....	.....
Analysis.....	28.50	5.98	23.86	31.48	5.80	4.38
Magnolia Brand 41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	42.46	5.77	5.70	30.19	10.05	5.83
22% Protein Babassu Oil Meal.....	22.00	5.00	12.00	40.00	.....	.....
Analysis.....	23.43	6.98	11.79	46.52	6.23	5.05
Analysis <sup>406</sup> .....	24.38	7.28	12.49	45.17	5.62	5.06
<b>Marianna Sales Company,</b> <b>Memphis, Tennessee.</b>						
White Mule Brand 41% Protein Soybean Oil Meal.....	41.00	3.50	7.00	26.00	.....	.....
Analysis.....	44.66	4.70	6.37	28.30	9.29	6.68
<b>Market Square Mill,</b> <b>Hillsboro, Texas.</b>						
V. B. Dairy Ration.....	20.00	4.00	16.00	43.50	.....	.....
Analysis <sup>407</sup> .....	17.77	3.35	14.55	44.16	10.96	9.21
<b>Marlin Oil Company, The,</b> <b>Marlin, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	41.06	10.36	10.38	25.39	7.32	5.49
Analysis.....	41.96	6.97	11.80	26.59	7.30	5.38
Analysis.....	43.10	6.19	10.52	26.70	8.03	5.46
Analysis.....	40.78	6.47	11.37	27.31	8.59	5.48
Analysis <sup>408</sup> .....	40.06	6.54	13.08	26.61	8.45	5.26
Analysis.....	40.70	6.18	11.80	28.52	7.28	5.52
Analysis.....	42.74	6.46	10.81	27.43	7.16	5.40
Analysis.....	41.21	6.54	11.34	26.66	8.94	5.31
<b>Marshall Cotton Oil Company,</b> <b>Marshall, Texas.</b>						
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	41.99	6.34	10.88	27.95	7.54	5.30
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	42.40	7.11	9.38	28.08	7.31	5.72
Analysis.....	42.97	6.97	9.75	27.48	7.09	5.74
Analysis.....	43.40	6.68	9.08	27.06	8.25	5.53

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

403Deficient in ground limestone. Excess of salt.

404Excess of salt.

405Incorrectly printed tags attached. Excess cottonseed hulls.

406Cottonseed meal found, not claimed.

407Sand present. Salt added, not declared.

408Excess cottonseed hulls.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Marshall Mill &amp; Elevator Company,</b> <b>Marshall, Texas.</b>						
Acorn Laying Mash.....	20.00	4.00	6.50	47.50		
Analysis.....	20.30	3.38	4.10	51.93	10.63	9.66
Acorn Broiler Mash.....	18.00	4.00	6.40	51.00		
Analysis <sup>409</sup> .....	16.95	3.72	5.26	56.07	11.44	6.56
Analysis <sup>a</sup> .....	18.22	3.01	5.13	56.45	11.02	6.17
Texla Horse and Mule Feed.....	9.00	2.00	12.80	56.00		
Analysis <sup>410</sup> .....	12.85	3.96	7.05	60.77	11.45	3.92
Texla Laying Mash.....	19.40	3.80	7.80	46.00		
Analysis.....	18.06	3.69	5.88	56.93	9.41	6.03
Analysis.....	18.92	3.28	5.58	55.34	9.71	7.17
Analysis.....	18.70	3.41	6.18	55.26	8.54	7.91
Analysis <sup>411</sup> .....	17.66	2.79	5.98	56.33	11.79	5.45
Analysis <sup>412</sup> .....	17.91	2.85	5.13	56.38	11.20	6.53
Analysis.....	20.20	3.51	5.87	51.90	9.90	8.62
Analysis <sup>412</sup> .....	19.40	3.49	5.26	54.61	9.90	7.34
Analysis.....	20.28	3.21	4.78	53.45	11.02	7.26
Special Growing Mash.....	17.50	3.50	6.50	52.00		
Analysis.....	18.57	2.94	4.43	57.29	9.79	6.98
Texla 16% Protein Dairy Feed.....	16.00	3.00	12.00	49.00		
Analysis.....	18.42	3.01	7.66	53.19	10.36	7.36
Analysis <sup>413</sup> .....	18.06	3.73	8.14	54.22	10.66	5.19
Analysis.....	18.12	3.81	6.72	54.27	11.05	6.03
Analysis.....	16.82	3.00	5.29	57.12	12.52	5.25
Analysis <sup>413</sup> .....	18.36	3.58	6.66	54.07	11.93	5.40
Acorn Stock Feed.....	12.50	2.50	4.60	61.40		
Analysis <sup>414</sup> .....	13.88	3.21	4.64	63.52	10.71	4.04
Analysis.....	12.51	3.71	4.45	64.60	10.27	4.46
<b>Martin-Lane Company,</b> <b>Vernon, Texas.</b>						
Vernon's Pride Brand 17% Protein Cattle Feed Cubes.....	17.00	3.00	11.00	49.00		
Analysis <sup>415</sup> .....	16.08	3.39	6.74	58.59	11.06	4.14
Crown Quality Brand 30% Protein Supplement for Hogs.....	30.00	3.50	10.00	33.00		
Analysis.....	32.20	6.41	8.03	32.90	8.59	11.87
Analysis.....	36.06	6.91	7.73	28.48	8.98	11.84
Martin's Big Vee Brand Laying Mash.....	18.50	3.50	6.00	45.50		
Analysis.....	15.05	4.98	4.59	57.61	9.81	7.96
Analysis <sup>416</sup> .....	15.96	4.08	4.18	57.55	12.80	5.43
Analysis.....	18.76	4.84	4.93	52.51	10.67	8.29
Analysis.....	18.63	4.28	5.03	52.85	11.29	7.92
Analysis.....	19.00	4.15	4.86	53.12	10.71	8.16
Martin's Big Vee Brand Laying Mash Pellets.....	18.50	3.50	6.00	45.50		
Analysis.....	14.82	4.08	4.40	57.44	12.04	7.22
Analysis <sup>417</sup> .....	16.70	4.92	4.51	55.74	13.01	5.12
Full-Pail Brand 18% Protein Dairy Ration.....	18.00	2.60	20.50	39.00		
Analysis.....	16.08	2.64	20.16	46.45	8.31	6.36
Analysis <sup>418</sup> .....	15.78	2.99	20.40	45.04	8.64	7.15
Analysis <sup>419</sup> .....	16.97	2.96	21.50	41.13	9.76	7.68
Analysis.....	20.11	3.17	17.76	39.69	10.66	8.61
Analysis.....	19.54	3.27	16.67	42.07	10.17	8.28
Analysis.....	20.17	3.00	16.17	41.88	8.45	10.33
Analysis.....	20.11	2.98	15.95	42.68	9.95	8.33

a, b, c, d, e, f, g, h, i, j, k, —See legend at the beginning of this table.

<sup>409</sup>Excess of ground oyster shell and salt.<sup>410</sup>Soybean oil meal found, not claimed.<sup>411</sup>Deficient in ground oyster shell.<sup>412</sup>Deficient in ground oyster shell. Excess of salt.<sup>413</sup>Deficient in ground limestone.<sup>414</sup>Soybean oil meal claimed, not found. Cottonseed meal found, not claimed.<sup>415</sup>Deficient in ground limestone. Excess of salt.<sup>416</sup>In pellet form. Deficient in ground limestone.<sup>417</sup>Deficient in ground limestone and salt.<sup>418</sup>Deficient in ground limestone. Excess of salt.<sup>419</sup>Peanut hay found, not claimed.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Martin-Lane Company.</b>						
<b>Vernon, Texas—Continued.</b>						
Vernon's Pride Brand 17% Protein Cattle Feed Cubes.....	17.00	3.00	11.00	49.00	.....	.....
Analysis.....	18.05	2.84	7.08	56.20	11.11	4.72
Crown Quality Brand Stock Feed.....	12.00	2.00	17.00	50.50	.....	.....
Analysis.....	12.60	3.35	12.59	56.82	8.83	5.81
Analysis <sup>420</sup> .....	13.47	2.60	10.00	59.11	9.06	5.76
Analysis <sup>418</sup> .....	12.06	2.59	14.01	55.62	10.05	5.67
Crown Quality Brand Growing Mash.....	17.00	3.50	6.00	53.00	.....	.....
Analysis.....	18.45	4.19	5.39	54.92	10.96	6.09
Crown Quality Brand Laying Mash.....	20.00	3.50	6.50	45.50	.....	.....
Analysis.....	21.49	4.56	4.75	51.20	9.51	8.49
Crown Quality Brand Laying Mash Pellets.....	20.00	3.50	6.50	45.00	.....	.....
Analysis <sup>417</sup> .....	17.52	3.75	4.00	56.73	12.25	5.75
Trail Driver 9% Protein Sweet Feed.....	9.00	1.80	15.00	53.50	.....	.....
Analysis.....	8.51	2.98	10.66	59.71	9.64	8.50
Analysis.....	9.90	2.03	10.68	58.06	12.46	6.87
Analysis <sup>421</sup> .....	20.33	3.21	13.78	45.69	9.11	7.88
Analysis <sup>422</sup> .....	9.85	1.89	12.05	55.66	11.07	9.48
Bunk-O Cow Feed.....	16.40	2.90	18.00	45.00	.....	.....
Analysis.....	13.95	2.92	11.88	52.18	12.74	6.33
Analysis <sup>423</sup> .....	17.77	2.90	13.68	45.25	9.77	10.63
<b>Martinez Mercantile Company.</b>						
<b>San Antonio, Texas.</b>						
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....
Analysis.....	7.87	2.76	12.22	64.18	10.21	2.76
<b>Mayfield Feed &amp; Grain Company.</b>						
<b>Dalhart, Texas.</b>						
Mayfield's Texacream Brand Growing Mash...	17.60	3.50	6.00	53.50	.....	.....
Analysis.....	22.56	2.97	5.76	54.07	9.33	5.31
Analysis.....	18.94	3.46	5.83	54.82	10.47	6.48
Texacream Brand Laying Mash.....	18.00	3.60	6.50	52.60	.....	.....
Analysis.....	24.64	3.20	6.88	51.08	9.01	5.19
Analysis <sup>424</sup> .....	19.20	3.17	5.30	56.67	11.20	4.46
Texacream Brand All-Mash Chick Starter.....	18.80	3.60	6.50	50.50	.....	.....
Analysis.....	20.08	3.41	6.42	54.22	9.54	6.33
Cacklay Brand Laying Mash.....	18.00	3.50	7.50	52.40	.....	.....
Analysis <sup>417</sup> .....	18.16	3.20	6.30	55.49	10.52	6.33
Mayfield's Texacream Brand Steer Pellets.....	17.00	2.50	8.00	49.00	.....	.....
Analysis.....	15.96	2.41	4.47	55.00	12.91	9.25
Analysis.....	18.13	3.29	4.48	53.64	12.24	8.22
Mayfield's Economy Brand Cow Feed.....	10.00	1.70	22.00	39.00	.....	.....
Analysis <sup>425</sup> .....	22.25	3.06	6.13	54.25	9.28	5.03
Mayfield's Economy Brand Cow Feed.....	10.00	1.70	29.70	37.00	.....	.....
Analysis <sup>426</sup> .....	9.75	1.83	32.06	35.35	10.81	10.20
Analysis.....	12.13	3.50	22.47	42.15	11.51	8.24
Texacream Brand Dairy Feed.....	17.00	3.00	9.20	50.00	.....	.....
Analysis <sup>427</sup> .....	19.09	2.54	7.05	51.61	12.38	7.33
Analysis.....	18.20	2.67	6.00	55.03	10.24	7.86
Mayfield's Just-Rite Brand Chick Starter.....	17.00	3.50	6.50	53.50	.....	.....
Analysis.....	19.10	4.34	6.42	53.77	10.47	5.90
Mayfield's Big M Brand Laying Mash.....	18.00	3.50	8.00	48.00	.....	.....
Analysis.....	22.40	3.53	6.48	53.54	9.43	4.62

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

417Deficient in ground limestone and salt.

418Deficient in ground limestone. Excess of salt.

420Deficient in ground limestone.

421Wrong tags attached. Removed from sale and relabeled Ful-Pail Brand 18% Protein Dairy Ration. Soybean oil meal and alfalfa meal found, not claimed.

422Sand and earth present. Deficient in ground limestone. Excess of salt.

423Sand and earth present.

424Wrong tags attached. Relabeled Texacream Brand Round-Worm Expeller Laying Mash.

425Wrong tags attached. Relabeled Cacklay Brand Round-Worm Expeller Laying Mash.

426Deficient in ground limestone. Excess of salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Merit Mills, Inc., (Successors to Hardeman-King Company), Amarillo, Texas.</b>						
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....
Analysis <sup>d a</sup> .....	45.03	4.98	6.05	29.52	8.14	6.28
Analysis <sup>d a</sup> .....	45.28	4.59	6.04	30.40	7.37	6.32
Wheat Low-Grade Feed Flour.....	14.00	1.50	1.50	70.00	.....	.....
Analysis <sup>d a</sup> .....	14.05	1.51	.34	70.97	12.49	.64
Merit Brand All-Mash Starter.....	18.00	3.50	5.50	54.00	.....	.....
Analysis <sup>d 27</sup> .....	17.21	3.95	4.73	57.20	11.13	5.78
Merit Brand Breeder Mash Pellets.....	18.00	3.50	7.50	49.00	.....	.....
Analysis <sup>j</sup> .....	19.20	4.04	6.83	53.17	8.42	8.34
Merit Brand Broiler Mash.....	18.00	3.50	5.50	54.00	.....	.....
Analysis <sup>j 428</sup> .....	18.21	3.86	5.15	57.41	9.64	5.73
Merit Brand 16% Protein Dairy Feed.....	16.00	3.00	9.50	55.00	.....	.....
Analysis <sup>d 29</sup> .....	18.24	3.77	7.40	54.62	8.88	7.09
Merit Brand 20% Protein Sweet Feed Cubes.....	20.00	3.50	4.50	51.50	.....	.....
Analysis <sup>d 30</sup> .....	10.76	2.97	3.13	66.84	11.31	4.99
<b>Meyer Grain Company, Houston, Texas.</b>						
Numix Dairy Feed.....	21.00	4.50	14.70	38.60	.....	.....
Analysis <sup>d 26</sup> .....	21.03	5.13	9.05	45.01	10.32	9.46
Queen Feed.....	11.00	4.00	14.30	49.00	.....	.....
Analysis <sup>j</sup> .....	12.61	4.71	12.68	49.73	9.78	10.49
Triangle Brand 18% Protein Dairy Feed.....	18.00	3.50	10.50	46.50	.....	.....
Analysis.....	22.25	4.14	10.41	47.85	10.06	5.29
Analysis.....	20.95	3.51	9.30	46.13	11.00	9.11
Ful-Pail Brand 18% Protein Dairy Ration.....	18.00	4.00	23.50	34.00	.....	.....
Analysis <sup>d 31</sup> .....	12.96	3.67	18.54	39.53	11.50	13.80
Triangle Brand Crimped Whole Barley.....	11.00	1.50	6.00	65.00	.....	.....
Analysis.....	13.63	1.96	5.06	66.36	9.95	3.04
Queen Horse and Mule Feed.....	10.00	3.50	10.50	55.00	.....	.....
Analysis <sup>d 32</sup> .....	11.46	3.93	8.73	58.49	11.86	5.53
Queen Brand Slop-Mix.....	11.00	4.00	10.00	54.00	.....	.....
Analysis.....	12.00	7.42	9.44	50.20	10.18	10.76
<b>Midland Flour Milling Company, The, Kansas City, Missouri.</b>						
Town Crier Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00	.....	.....
Analysis <sup>a</sup> .....	16.66	3.55	5.41	57.81	12.78	3.79
Analysis.....	17.36	3.24	5.02	58.00	12.94	3.44
<b>Mid-West Cooperative Oil Mill, Hamlin, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>e 433</sup> .....	41.73	5.90	12.53	27.41	6.82	5.61
Analysis <sup>e 433</sup> .....	42.29	5.42	13.56	28.33	5.41	4.99
Analysis <sup>e 433</sup> .....	42.26	5.64	12.71	28.26	5.70	5.43
Analysis <sup>e</sup> .....	41.15	7.06	12.13	26.59	7.66	5.41
Analysis.....	43.70	6.09	11.45	26.65	6.47	5.64
Analysis <sup>e</sup> .....	41.55	6.79	11.98	26.83	7.26	5.59
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	41.90	7.04	6.05	31.16	7.67	6.18

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

426Deficient in ground limestone. Excess of salt.

427Deficient in ground oyster shell and/or ground limestone. Excess of salt.

428Deficient in ground oyster shell and/or ground limestone.

429Deficient in ground oyster shell.

430Wrong tags attached. Removed from sale and relabeled Merit Brand Horse Cake. Excess of salt.

431Peanut hulls claimed, not found. Rice hulls found, not claimed.

432Incorrectly printed tags attached.

433Excess cottonseed hulls.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Mission Feed Company,</b> <b>San Antonio, Texas.</b>						
Mission Laying Mash.....	19.00	3.70	8.00	48.50	.....	.....
Analysis.....	17.13	4.10	5.21	55.82	11.04	6.70
Analysis <sup>434</sup> .....	17.96	4.75	6.73	53.66	11.08	5.82
<b>Mission Provision Company, Inc.,</b> <b>San Antonio, Texas.</b>						
Economy Brand 50% Protein Meat and Bone Scraps.....	50.00	8.00	3.00	0.00	.....	.....
Analysis.....	52.81	12.78	1.68	.70	6.65	25.38
Analysis.....	50.00	10.87	1.65	.24	6.75	30.49
<b>Mitchell Seed and Grain Company,</b> <b>Roswell, New Mexico.</b>						
Alfalfa Meal.....	15.00	1.50	30.00	35.00	.....	.....
Analysis <sup>a</sup> .....	15.79	1.63	28.34	36.91	7.88	9.45
<b>Moore Grain Company,</b> <b>Bartlett, Texas.</b>						
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....
Analysis.....	7.21	2.82	10.75	64.83	12.77	1.62
<b>Moore Grain Company, F. B.,</b> <b>Hamlin, Texas.</b>						
Moore's Special Laying Mash.....	18.30	3.50	6.30	48.60	.....	.....
Analysis.....	20.36	4.96	4.42	49.39	9.18	11.69
Analysis <sup>435</sup> .....	20.06	4.53	3.72	50.84	10.82	10.03
Analysis <sup>436</sup> .....	20.41	3.74	3.89	54.36	10.31	7.29
Moore's Special Dairy Feed.....	16.00	3.50	9.50	49.50	.....	.....
Analysis.....	16.49	3.83	10.55	53.17	7.57	8.39
Analysis.....	16.00	3.55	6.50	57.69	9.15	7.11
Moore's Special Growing Mash.....	16.00	3.50	7.00	51.00	.....	.....
Analysis.....	18.25	4.18	4.69	54.80	10.77	7.31
Analysis <sup>437</sup> .....	17.43	4.03	4.68	57.53	9.18	7.15
<b>Moore Produce Company,</b> <b>Ballinger, Texas.</b>						
Texas-Made Brand 18% Protein Dairy Feed...	18.00	3.00	13.00	44.00	.....	.....
Analysis.....	18.50	3.43	11.23	45.97	11.71	9.16
<b>Moore's Feed Store,</b> <b>San Angelo, Texas.</b>						
Moore's Special Dairy Feed.....	18.00	3.00	13.00	41.00	.....	.....
Analysis <sup>438</sup> .....	18.18	3.77	14.80	47.42	9.54	6.29
Analysis <sup>439</sup> .....	18.50	3.38	15.10	47.60	10.70	4.72
Moore's 19% Protein Laying Mash.....	19.00	3.50	8.00	41.00	.....	.....
Analysis.....	19.18	3.22	5.76	53.50	9.34	9.00
Ever-Good Brand Dairy Feed.....	18.00	3.50	10.50	45.00	.....	.....
Analysis.....	19.37	3.97	10.87	50.65	6.71	8.43
<b>Morrison Milling Company, The,</b> <b>Denton, Texas.</b>						
Morrison's Mixed Feed.....	14.50	3.00	4.50	62.50	.....	.....
Analysis <sup>k</sup> .....	15.95	2.94	4.01	62.43	11.65	3.02
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....
Analysis.....	17.95	4.24	8.70	51.07	12.37	5.67
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	.....	.....
Analysis.....	18.28	4.32	5.99	57.52	9.52	4.37

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>434</sup>Carbonate of lime found, not claimed.<sup>435</sup>Excess of salt.<sup>436</sup>Deficient in ground oyster shell and/or ground limestone.<sup>437</sup>Deficient in ground limestone.<sup>438</sup>Deficient in ground oyster shell and salt.<sup>439</sup>Excess of ground oyster shell and salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Morrison Milling Company, The, Denton, Texas—Continued.</b>						
Big A Special Dairy Feed.....	18.50	4.00	8.00	53.00	.....	.....
Analysis <sup>e440</sup> .....	15.65	5.01	6.59	58.33	10.37	4.05
Big A Dairy Feed.....	18.00	3.50	6.60	52.00	.....	.....
Analysis <sup>f441</sup> .....	17.78	4.60	6.13	57.32	8.94	5.23
Sub-Standard Hominy Feed.....	8.00	5.00	12.00	62.00	.....	.....
Analysis.....	10.45	7.92	8.77	58.74	11.29	2.83
Mirandy's Dairy Feed.....	17.50	3.00	8.80	56.00	.....	.....
Analysis <sup>442</sup> .....	15.82	3.03	5.78	59.48	10.53	5.36
Analysis <sup>443</sup> .....	17.22	3.29	5.85	57.58	10.87	5.19
Mirandy's Mixed Feed.....	15.50	3.00	6.00	60.00	.....	.....
Analysis.....	17.00	3.55	5.96	58.57	10.62	4.30
Analysis.....	15.82	3.02	4.48	61.90	11.65	3.13
Mirandy's Mixed Feed.....	15.50	3.00	8.00	57.00	.....	.....
Analysis <sup>444</sup> .....	15.69	4.60	7.22	56.61	10.88	5.00
Analysis <sup>444</sup> .....	16.05	4.55	8.02	54.78	10.80	5.80
Wheat Low-Grade Feed Flour.....	14.00	1.50	1.50	70.00	.....	.....
Analysis <sup>d a</sup> .....	15.50	1.27	.38	70.58	11.54	.73
<b>Morten Milling Company, Dallas, Texas.</b>						
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	.....	.....
Analysis.....	15.82	3.29	4.29	60.24	12.28	4.08
Analysis.....	16.40	2.86	3.62	61.66	12.72	2.74
Analysis.....	18.09	3.18	5.12	57.46	12.60	3.55
Analysis <sup>445</sup> .....	18.20	3.99	6.41	54.65	12.17	4.58
Analysis <sup>445</sup> .....	18.88	4.70	6.33	51.83	12.76	5.50
Analysis <sup>445</sup> .....	17.19	3.72	7.10	54.73	11.34	5.92
Analysis <sup>446</sup> .....	17.60	4.03	6.62	56.19	9.81	5.75
Analysis.....	16.93	3.48	5.03	59.09	11.69	3.78
Analysis.....	17.48	4.05	4.63	60.42	9.27	4.15
Wheat Bran and Screenings.....	14.50	4.00	10.00	50.00	.....	.....
Analysis.....	18.32	4.44	8.33	52.48	10.70	5.73
<b>Moulton Oil &amp; Gin Company, Moulton, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	43.39	6.30	9.42	27.33	8.01	5.55
<b>Moundridge Milling Company, The, Moundridge, Kansas.</b>						
Mixwell Mixed Feed.....	13.50	3.50	9.50	55.00	.....	.....
Analysis <sup>d</sup> .....	17.17	4.38	6.15	59.06	8.89	4.35
<b>Mount Enterprise Cotton Oil Mill, Mount Enterprise, Texas.</b>						
34% Protein Ground Whole-Pressed Peanuts..	34.00	6.00	24.00	20.00	.....	.....
Analysis.....	33.03	9.76	26.02	20.76	6.91	3.52
Analysis.....	32.98	9.33	26.12	19.40	8.36	3.81
28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	.....	.....
Analysis.....	25.77	5.50	26.63	31.71	6.00	4.39
<b>Mount Pleasant Oil Mill, Mount Pleasant, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	42.73	5.49	9.42	28.46	7.28	6.62
Analysis.....	43.08	5.72	10.48	26.80	8.28	5.64
Analysis.....	42.57	5.62	10.37	27.13	8.75	5.56

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

440 Cottonseed meal claimed, not found. Linseed meal found, not claimed.

441 Soybean oil meal claimed, not found. Cottonseed meal found, not claimed.

442 Screenings from grain sorghum found, not claimed.

443 Deficient in ground limestone.

444 Incorrectly printed tags attached.

445 Wheat brown shorts and screenings.

446 Wheat brown shorts and screenings. Grain sorghum screenings found, not claimed.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Mount Pleasant Oil Mill, Mount Pleasant, Texas—Continued.</b>						
Lone Eagle Brand Laying Mash.....	18.50	3.50	7.20	49.20	.....	.....
Analysis <sup>447</sup> .....	19.00	4.09	6.10	52.53	11.22	7.06
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	41.59	7.35	5.50	31.40	8.54	5.62
<b>Mueller-Huber Grain Company, San Antonio, Texas.</b>						
Sunshine Brand Special Cow Feed.....	19.00	3.20	9.50	48.00	.....	.....
Analysis <sup>e</sup> .....	20.00	3.67	7.36	52.08	11.56	5.33
Sunshine Brand Special Cow Feed.....	19.00	3.00	10.00	50.00	.....	.....
Analysis.....	20.31	3.35	7.97	51.35	11.45	5.57
Sunshine Brand Laying Mash.....	19.00	3.50	7.00	46.00	.....	.....
Analysis.....	20.43	3.99	5.42	51.71	11.50	6.95
Analysis.....	19.49	3.52	5.43	55.42	10.01	6.13
Big Egg Brand Laying Mash.....	18.00	3.50	7.00	51.00	.....	.....
Analysis.....	21.21	3.98	4.59	52.05	11.64	6.53
Sunshine Brand Broiler Mash.....	20.00	3.00	7.00	49.00	.....	.....
Analysis <sup>448</sup> .....	21.99	3.91	5.41	51.40	9.22	8.07
<b>Munger Cotton Oil Company, Mexia, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	45.11	6.97	9.59	26.24	6.68	5.41
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>e</sup> .....	39.87	6.28	12.71	27.50	8.27	5.37
Analysis.....	41.82	6.08	11.22	27.82	7.73	5.33
41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>449</sup> .....	40.91	6.18	12.85	26.86	7.79	5.41
Analysis.....	42.29	6.26	11.20	26.95	8.05	5.25
Analysis <sup>449</sup> .....	42.02	6.46	12.66	27.42	6.14	5.30
<b>Municipal Abattoir, Austin, Texas.</b>						
55% Protein Meat and Bone Scraps.....	55.00	6.00	3.00	0.00	.....	.....
Analysis.....	58.89	9.42	1.71	1.41	8.59	19.98
Analysis.....	57.65	9.19	2.23	.38	7.58	22.97
<b>Murchison, A. T., Menard, Texas.</b>						
Sunset Brand Dairy Feed.....	19.00	3.60	11.70	44.50	.....	.....
Analysis <sup>450</sup> .....	18.64	3.94	15.20	45.27	9.65	7.30
Analysis <sup>451</sup> .....	22.95	4.13	13.47	41.82	10.16	7.47
<b>Musick Produce, Tulia, Texas.</b>						
Chowmix Laying Mash P.....	18.00	3.50	8.00	48.00	.....	.....
Analysis.....	19.57	4.47	5.73	53.55	8.94	7.74
<b>National Distillers Products Corporation, New York, New York.</b>						
Produlac Brand Corn Distillers' Dried Grains with Solubles.....	27.00	8.00	9.00	44.00	.....	.....
Analysis <sup>e</sup> .....	31.61	4.17	8.78	40.60	10.33	4.51
Produlac Brand Wheat Distillers' Dried Grains with Solubles.....	27.00	5.00	10.50	44.00	.....	.....
Analysis.....	31.96	7.27	7.73	41.94	6.70	4.40

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>447</sup>Deficient in ground limestone.<sup>448</sup>Incorrectly printed tag attached. Deficient in ground limestone.<sup>449</sup>Excess cottonseed hulls.<sup>450</sup>Deficient in ground limestone and/or ground oyster shell. Excess of salt.<sup>451</sup>Deficient in ground limestone and/or ground oyster shell and salt.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>National Feed Store,</b> <b>Beaumont, Texas.</b>						
Botex 18% Protein Dairy Feed.....	18.00	3.50	11.00	51.00	.....	.....
Analysis <sup>a452</sup> .....	12.57	4.68	11.87	51.15	8.49	11.24
Analysis.....	13.80	3.24	9.12	53.20	12.58	8.06
<b>National Oats Company,</b> <b>Cedar Rapids, Iowa.</b>						
Red-3 Feeding Rolled Oats.....	15.00	5.00	3.00	65.00	.....	.....
Analysis.....	15.70	4.16	2.25	63.91	12.09	1.89
<b>Nelson Grain Company,</b> <b>Claude, Texas.</b>						
Red Diamond Laying Mash.....	18.00	3.50	8.00	49.00	.....	.....
Analysis.....	20.96	4.93	5.90	48.75	9.53	9.93
Nelson's Laying Mash.....	21.00	3.80	6.00	43.50	.....	.....
Analysis.....	21.50	5.45	6.95	45.64	9.03	11.43
Nelson's Laying Mash.....	21.00	3.50	6.60	45.00	.....	.....
Analysis.....	21.70	4.84	5.69	46.91	9.66	11.20
<b>Ne-Tex Co-Operative Oil Mill,</b> <b>Wolfe City, Texas.</b>						
Ne-Tex Brand 43% Protein Cottonseed Meal..	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	40.40	6.02	12.64	27.08	8.57	5.29
Analysis.....	42.43	6.43	11.81	26.82	7.03	5.48
Analysis.....	41.71	6.10	11.88	26.93	7.80	5.58
Analysis.....	42.80	6.70	11.11	25.32	8.83	5.24
Analysis.....	42.55	6.60	10.53	27.13	7.56	5.63
Analysis.....	43.35	5.84	10.90	26.96	7.43	5.52
Ne-Tex Brand 43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	43.25	5.82	11.35	25.18	8.80	5.60
Netco 41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	40.15	5.72	12.58	27.93	7.15	6.47
Analysis.....	39.85	5.05	11.80	29.80	7.04	6.46
Analysis.....	41.00	5.75	10.67	29.44	6.66	6.48
Netco Mixed Feed.....	13.00	2.00	28.50	35.00	.....	.....
Analysis <sup>a453</sup> .....	14.00	2.31	27.65	37.74	7.49	10.81
<b>New Orleans Grain &amp; Feed Company, Inc.,</b> <b>New Orleans, Louisiana.</b>						
Golden Calf Brand Brewers' Dried Grains.....	24.00	5.00	18.00	40.00	.....	.....
Analysis.....	25.42	6.39	16.48	37.55	10.36	3.80
<b>Newton, H. E.,</b> <b>De Leon, Texas.</b>						
Ground Peanut Hay.....	10.00	3.50	24.00	44.00	.....	.....
Analysis <sup>a</sup> .....	10.88	2.14	18.23	46.03	12.25	10.47
<b>Nox-All Feed Store,</b> <b>Dallas, Texas.</b>						
Nox-All's Numix Egg Mash.....	18.00	3.60	7.00	49.00	.....	.....
Analysis.....	15.70	4.19	4.12	59.65	8.62	7.72
Analysis <sup>a454</sup> .....	19.44	4.33	5.88	51.61	11.46	7.28
Analysis <sup>a455</sup> .....	20.67	3.85	7.16	50.94	9.83	7.55

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>a452</sup>Rice gran and corn gluten feed found, not claimed. Excess of ground limestone.<sup>a453</sup>Deficient in ground limestone.<sup>a454</sup>Rice hulls found, not claimed.<sup>a455</sup>Rice bran, peanut meal and milo or kafir meal found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Nutrena Mills, Inc.,</b> <b>Coffeyville, Kansas.</b>						
Nutrena Special 16% Protein Dairy Feed.....	16.00	3.00	10.00	45.00	.....	.....
Analysis <sup>456</sup> .....	17.15	3.42	6.43	56.92	10.34	5.74
Analysis <sup>457</sup> .....	16.39	3.46	5.79	58.47	10.26	5.63
Nutrena Chick Starting Mash.....	18.00	3.50	7.00	51.00	.....	.....
Analysis.....	18.70	2.51	4.44	58.54	9.95	5.86
Analysis <sup>458</sup> .....	16.20	2.87	5.06	61.03	10.37	4.47
Analysis.....	18.69	3.97	4.73	55.65	10.62	6.34
Nutrena Egg Mash.....	18.00	3.50	7.00	50.00	.....	.....
Analysis <sup>456</sup> .....	18.30	3.96	5.98	53.60	11.58	6.58
Nutrena All-Mash Laying Ration Pellets.....	15.00	3.50	7.00	53.00	.....	.....
Analysis.....	14.98	3.48	4.20	59.62	12.19	5.53
Triple V All-Mash Chick Ration.....	18.00	3.50	7.00	47.00	.....	.....
Analysis <sup>459</sup> .....	18.33	2.91	5.04	58.09	9.46	6.17
Nutrena Growing Mash.....	17.00	3.50	7.00	53.00	.....	.....
Analysis.....	18.93	3.79	5.61	54.17	11.19	6.31
<b>Nutty Brown Mills,</b> <b>Houston, Texas.</b>						
32% Protein Cottonseed Meal Screenings.....	32.00	5.00	18.00	30.00	.....	.....
Analysis.....	36.35	5.56	14.53	30.57	7.85	5.14
<b>Oil Mill &amp; Fertilizer Works,</b> <b>Henderson, Texas.</b>						
41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	42.40	6.51	11.03	26.81	7.32	5.93
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	41.48	7.40	10.95	26.49	7.98	5.70
Analysis.....	42.40	6.94	11.16	25.56	8.21	5.73
Analysis.....	42.13	7.44	10.21	26.41	8.14	5.67
41% Protein Peanut Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>460</sup> .....	34.86	7.79	23.04	19.93	9.21	5.17
Analysis <sup>460</sup> .....	34.29	8.04	22.25	21.08	9.17	5.17
<b>Okeene Milling Company,</b> <b>Okeene, Oklahoma.</b>						
Okeene Brand Egg Mash.....	18.00	3.50	6.50	48.00	.....	.....
Analysis <sup>461</sup> .....	18.62	3.31	5.05	58.16	9.06	5.80
Mor-Egg Brand Laying Mash.....	18.50	3.50	7.60	45.00	.....	.....
Analysis <sup>462</sup> .....	18.15	3.28	6.01	53.02	9.96	9.58
Thrifty Brand Egg Mash.....	18.00	3.80	7.50	45.00	.....	.....
Analysis <sup>463</sup> .....	16.19	3.04	5.40	55.19	10.76	9.42
Analysis <sup>459</sup> .....	16.76	3.52	4.92	51.78	10.40	12.62
Okeene Brand All-Mash Starter.....	17.00	3.50	7.00	50.00	.....	.....
Analysis.....	16.95	4.06	4.73	52.88	11.33	10.05
Mor-Egg Brand Laying Mash Pellets.....	18.50	3.50	7.60	45.00	.....	.....
Analysis.....	18.60	3.13	5.05	57.80	9.27	6.15
Okeene Brand 16% Protein Dairy Feed.....	16.00	3.00	11.00	50.00	.....	.....
Analysis.....	17.13	3.65	5.56	58.14	9.50	6.02
Analysis <sup>464</sup> .....	17.02	2.78	7.58	55.18	8.80	8.64
<b>Oklahoma Rendering Company,</b> <b>Oklahoma City, Oklahoma.</b>						
Success Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....
Analysis.....	49.17	9.81	1.49	2.78	6.38	30.37

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>456</sup>Deficient in ground limestone. Excess of salt.<sup>457</sup>Deficient in salt.<sup>458</sup>Deficient in ground limestone.<sup>459</sup>Excess of ground limestone and salt.<sup>460</sup>Adulterated with peanut hulls.<sup>461</sup>Deficient in ground limestone.<sup>462</sup>In pellet form. Rice hulls found, not claimed.<sup>463</sup>Excess of ground limestone. Rice hulls found, not claimed.<sup>464</sup>Rice hulls found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Old Time Mill,</b> <b>Sherman, Texas.</b>						
O. T. M. Dairy Feed.....	16.00	3.50	13.50	48.00		
Analysis.....	16.70	3.93	12.03	49.80	10.59	6.95
<b>Olton Mill &amp; Feed Store,</b> <b>Olton, Texas.</b>						
Milo Chop.....	10.00	2.50	3.00	70.00		
Analysis.....	11.66	3.33	2.02	70.89	10.13	1.97
<b>Opelousas Oil Mill,</b> <b>Opelousas, Louisiana.</b>						
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00		
Analysis.....	39.31	6.80	10.01	27.90	10.15	5.83
Analysis.....	41.09	6.37	10.58	26.99	9.13	5.84
Analysis.....	39.80	5.88	11.91	26.79	9.83	5.79
<b>Otis Gin &amp; Warehouse Company,</b> <b>Loving, New Mexico.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00		
Analysis.....	40.34	5.78	11.87	29.99	6.73	5.29
"Wano" Brand 43% Protein Cottonseed Cubes.....	43.00	5.20	12.00	25.00		
Analysis.....	42.39	6.00	10.61	28.16	7.23	5.61
<b>Packard Milling Company,</b> <b>Hereford, Texas.</b>						
Packard's Best Laying Mash.....	18.00	3.50	7.00	51.00		
Analysis.....	18.04	3.67	5.58	54.61	11.13	6.97
Packard's Best Growing Mash.....	19.00	3.50	6.00	50.00		
Analysis.....	18.85	3.90	6.66	55.07	8.13	7.39
Packard's Mix All-Mash Chick Starter.....	15.50	3.50	6.50	50.00		
Analysis <sup>466</sup> .....	18.15	4.35	5.25	57.26	8.64	6.35
<b>Palecek Mills,</b> <b>Enid, Oklahoma.</b>						
Economy Brand Egg Mash.....	18.50	3.50	8.00	45.00		
Analysis <sup>466</sup> .....	16.67	3.20	4.67	55.09	11.86	8.51
<b>Palestine Grain Company,</b> <b>Palestine, Texas.</b>						
Magnolia 5 Egg Mash.....	18.00	3.50	8.00	48.00		
Analysis <sup>467</sup> .....	17.76	3.14	4.55	58.21	10.88	5.46
Analysis <sup>468</sup> .....	19.30	4.17	6.28	55.16	9.82	5.27
Magnolia Special Egg Mash.....	18.00	3.50	8.00	48.50		
Analysis.....	16.10	3.62	4.48	59.38	11.09	5.33
Analysis <sup>465</sup> .....	17.18	3.62	4.15	59.99	10.04	5.02
<b>Pampa Feed Store,</b> <b>Pampa, Texas.</b>						
Pampa Pride Dairy Feed.....	16.00	3.20	12.00	51.00		
Analysis.....	18.55	3.23	7.20	55.82	10.25	4.95
Pampa Pride Hog Ration.....	22.00	3.00	7.00	50.00		
Analysis.....	22.39	4.47	5.48	52.16	9.65	5.85
<b>Paris, Kenneth,</b> <b>Coolidge, Texas.</b>						
Paris' Dairy Ration.....	15.00	3.40	17.00	47.00		
Analysis.....	15.05	2.86	15.28	44.98	12.23	9.60

a, b, c, d, e, f, g, h, i, j, k, —See legend at the beginning of this table.

<sup>465</sup>Deficient in salt.<sup>466</sup>Excess of ground limestone and salt.<sup>467</sup>Deficient in ground oyster shell.<sup>468</sup>Peanut meal found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Paris Milling Company, Paris, Texas.</b>						
Plymouth Brand Laying Mash.....	18.50	3.50	8.00	47.80	.....	.....
Analysis.....	16.97	3.65	5.83	56.41	11.72	5.42
Analysis.....	15.50	3.87	5.72	58.67	11.67	4.57
Analysis.....	17.32	3.75	5.23	57.46	10.59	5.65
Analysis <sup>469</sup> .....	19.08	3.86	5.20	53.71	10.53	7.62
Analysis <sup>470</sup> .....	19.82	3.68	5.65	54.56	9.18	7.11
Red Rock Brand All-Mash Laying Ration.....	15.00	3.50	7.50	54.50	.....	.....
Analysis <sup>471</sup> .....	15.95	3.35	5.94	58.53	11.39	4.84
Analysis.....	14.49	3.15	5.67	59.42	11.85	5.42
Special 16% Protein Dairy Feed.....	16.00	3.00	12.30	49.00	.....	.....
Analysis <sup>472</sup> .....	14.81	3.90	7.74	57.42	11.60	4.53
Special X Dairy Feed.....	21.00	3.60	11.50	44.00	.....	.....
Analysis.....	15.86	3.83	7.40	56.17	11.55	5.19
Special X Chick Starter.....	17.00	3.50	6.00	52.50	.....	.....
Analysis.....	17.50	3.35	6.36	56.80	10.62	5.37
Special A Dairy Feed.....	18.00	3.00	11.50	43.00	.....	.....
Analysis <sup>473</sup> .....	15.71	3.29	8.31	54.99	12.68	5.02
Analysis <sup>473</sup> .....	14.25	3.86	6.97	55.97	13.86	5.09
<b>Park, Inc., Philip R., San Pedro, California.</b>						
1943 Regular Manamar.....	40.00	3.00	5.00	12.00	.....	.....
Analysis.....	42.84	3.95	9.25	17.43	12.53	14.00
Balfag Brand Mixed Feed.....	22.00	1.50	12.00	20.00	.....	.....
Analysis <sup>474</sup> .....	27.85	3.91	14.90	24.79	16.70	11.85
Analysis.....	25.06	3.59	15.53	25.30	19.78	10.74
<b>Paul's Flour &amp; Feed, El Paso, Texas.</b>						
Paul's Laying Mash.....	18.00	3.50	8.00	49.30	.....	.....
Analysis.....	17.22	4.68	6.78	53.28	10.60	7.44
Analysis <sup>475</sup> .....	18.00	5.50	8.41	50.15	7.81	10.13
Paul's Growing Mash.....	16.00	3.50	7.50	53.00	.....	.....
Analysis.....	18.12	5.24	7.16	51.14	10.30	8.04
Analysis.....	17.78	4.23	7.18	54.34	8.30	8.17
Paul's Cow Feed.....	19.00	3.30	8.00	47.50	.....	.....
Analysis.....	18.92	3.65	7.09	53.52	10.05	6.77
<b>Pecos Valley Alfalfa Mill Company, Chandler, Arizona.</b>						
Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....
Analysis.....	13.15	1.32	31.90	36.65	8.66	8.32
Velvet Brand Alfalfa Meal.....	17.00	1.50	27.00	40.00	.....	.....
Analysis.....	16.22	1.77	24.74	39.11	8.79	9.37
Analysis.....	16.36	2.14	26.19	37.18	9.43	8.70
Analysis.....	17.11	2.25	24.08	37.99	7.83	10.74
Pee Vee Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	.....	.....
Analysis.....	27.00	2.84	12.83	38.04	7.32	11.97
Analysis.....	20.28	2.07	16.13	39.89	9.40	12.23
<b>Penick &amp; Ford, Ltd., Inc., Cedar Rapids, Iowa.</b>						
Douglas 41% Protein Corn Gluten Meal.....	41.00	1.50	6.00	37.00	.....	.....
Analysis.....	45.00	2.55	3.73	35.34	9.78	3.60

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>469</sup>Excess of ground oyster shell and salt.<sup>470</sup>Milo meal found, not claimed.<sup>471</sup>Deficient in ground limestone and salt.<sup>472</sup>Carbonate of lime found, not claimed.<sup>473</sup>Deficient in ground limestone.<sup>474</sup>Salt added, not declared.<sup>475</sup>Deficient in ground oyster shell. Excess of salt.

**Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued**

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Peoples Cotton Oil Company,</b> <b>Wharton, Texas.</b>						
43% Protein Nut-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	41.77	5.91	9.35	28.75	8.19	6.03
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	42.10	5.89	9.70	28.66	7.76	5.89
Analysis <sup>c</sup> .....	42.27	6.50	10.86	26.06	8.18	6.13
Analysis.....	42.81	6.01	9.87	26.49	8.50	6.32
<b>People's Feed Store,</b> <b>Hull, Texas.</b>						
People's Special 18% Protein Dairy Feed.....	18.00	3.00	10.60	52.00	.....	.....
Analysis.....	18.90	3.70	11.68	43.77	16.22	5.73
<b>Perkins Oil Company,</b> <b>Memphis, Tennessee.</b>						
Golden Rod Brand 41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>a</sup> .....	40.49	5.40	11.99	28.14	7.78	6.20
<b>Perryton Equity Exchange,</b> <b>Perryton, Texas.</b>						
Wheat Chop.....	12.00	2.00	3.00	70.00	.....	.....
Analysis.....	14.71	2.07	4.36	65.29	10.99	2.58
Equity Brand Dairy Feed.....	16.00	3.00	8.50	51.40	.....	.....
Analysis.....	14.26	2.58	6.50	58.33	9.69	8.64
Analysis.....	16.15	3.00	6.98	56.70	9.28	7.89
Analysis.....	19.55	3.41	7.36	53.07	9.87	6.74
Equity Brand Laying Mash.....	18.00	3.50	7.00	51.00	.....	.....
Analysis.....	16.40	2.74	5.92	57.04	10.23	7.67
Equity Brand 40% Protein Supplement for Hogs.....	40.00	5.00	8.00	15.00	.....	.....
Analysis.....	38.55	7.05	7.87	18.82	7.68	20.03
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....
Analysis <sup>a</sup> .....	11.70	4.55	11.43	59.04	9.73	3.55
Equity Brand Chick Growing Mash.....	15.20	3.50	7.60	53.80	.....	.....
Analysis <sup>k</sup> .....	16.12	4.12	6.26	57.34	9.17	6.99
<b>Peyton Packing Company,</b> <b>El Paso, Texas.</b>						
Peyton's 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....
Analysis.....	51.15	11.70	2.52	1.39	5.26	27.98
Analysis.....	57.30	6.10	3.67	6.62	4.71	21.60
Analysis <sup>c</sup> .....	49.28	12.08	2.05	2.61	4.76	29.22
<b>Pfeffer Rice Milling Company, Inc.,</b> <b>Houston, Texas.</b>						
Rice Bran containing Limestone.....	12.00	12.00	15.00	35.00	.....	.....
Analysis <sup>476</sup> .....	11.65	18.02	11.37	34.85	8.74	15.37
Analysis <sup>476</sup> .....	11.59	11.56	13.67	39.51	10.30	13.37
<b>Pierce Grain Company,</b> <b>Houston, Texas.</b>						
Mi Victory Brand Growing Mash.....	20.50	3.50	6.00	46.30	.....	.....
Analysis.....	19.96	4.35	4.09	53.18	11.25	7.17
Analysis.....	21.50	4.33	4.65	51.24	10.18	8.10
Mi Special Brand 18% Protein Dairy Feed.....	18.00	3.00	10.00	49.00	.....	.....
Analysis.....	18.95	6.48	9.41	46.34	10.19	8.63
Analysis <sup>477</sup> .....	20.32	2.85	7.14	52.51	10.93	6.25
Mi Victory Brand Egg Mash.....	20.50	4.00	5.30	44.00	.....	.....
Analysis <sup>478</sup> .....	20.60	6.04	5.53	48.32	10.61	8.90
Analysis.....	22.83	3.74	3.70	51.21	10.02	8.50
Pierce's Mix Bran Cow Feed.....	9.50	3.60	14.00	23.30	.....	.....
Analysis <sup>479</sup> .....	9.63	2.29	16.84	47.93	12.39	10.92

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

<sup>476</sup>Excess of ground limestone.<sup>477</sup>Deficient in ground oyster shell.<sup>478</sup>Cottonseed meal found, not claimed.<sup>479</sup>Deficient in ground oyster shell. Excess of salt.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Pietsch &amp; Boysen, Yoakum, Texas.</b>						
Special Five Laying Mash.....	18.50	3.70	8.00	46.00	.....	.....
Analysis <sup>480</sup> .....	19.17	3.40	5.99	54.70	9.79	6.95
Analysis.....	19.54	2.83	5.34	54.66	10.62	7.01
O. K. Brand All-Mash Chick Starter.....	18.00	4.00	6.20	51.00	.....	.....
Analysis.....	18.14	2.51	5.31	57.33	10.17	6.54
<b>Pillsbury Feed Mills, Division Pillsbury Flour Mills Company, Clinton, Iowa.</b>						
Pillsbury's 16% Protein Dairy Feed.....	16.00	3.00	12.00	48.00	.....	.....
Analysis <sup>481</sup> .....	17.00	3.63	10.80	48.38	9.69	10.50
Analysis.....	16.05	5.05	11.22	46.74	10.03	10.91
Pillsbury's Best Starter and Grower Mash.....	17.00	3.50	7.00	50.00	.....	.....
Analysis.....	17.35	3.54	6.40	54.13	11.63	6.95
Analysis.....	17.12	3.90	5.88	54.44	11.48	7.18
Analysis.....	17.50	4.27	5.85	54.31	10.80	7.27
Pillsbury's Best Broiler Mash.....	20.00	4.00	6.00	52.00	.....	.....
Analysis.....	19.00	4.80	5.63	53.92	8.93	7.72
Pillsbury's Best Egg Mash.....	19.00	3.50	7.00	50.00	.....	.....
Analysis.....	19.56	3.77	6.28	53.20	8.85	8.34
Analysis <sup>482</sup> .....	18.91	4.17	6.46	52.36	10.65	7.45
Analysis.....	19.19	4.34	6.07	51.42	10.79	8.19
Pillsbury's Best Growing Mash.....	16.00	3.50	7.50	52.00	.....	.....
Analysis.....	16.30	4.38	6.30	53.46	11.05	8.51
Pillsbury's Thrift Egg Mash.....	18.00	3.50	8.00	50.00	.....	.....
Analysis.....	20.14	4.04	6.15	51.90	10.24	7.53
Analysis.....	18.82	3.76	5.44	55.61	9.06	7.31
Analysis.....	19.99	4.94	7.03	50.32	10.44	7.28
Pillsbury's Thrift Egg Mash.....	18.00	3.00	8.00	50.00	.....	.....
Analysis.....	19.09	4.18	9.77	50.26	8.23	8.47
Pillsbury's Best 18% Protein Dairy Feed.....	18.00	3.00	9.00	49.00	.....	.....
Analysis.....	20.35	3.49	7.33	51.19	9.71	7.93
Analysis <sup>482</sup> .....	18.30	3.38	5.77	55.82	10.55	6.18
Analysis.....	20.58	3.25	6.25	53.31	10.26	6.35
Pillsbury's Best Turkey Breeder Mash.....	26.00	3.50	8.00	35.00	.....	.....
Analysis.....	25.00	4.24	7.52	41.49	10.39	11.36
Analysis.....	25.45	4.52	7.53	41.28	9.42	11.80
Pillsbury's Best Turkey Starter.....	26.00	3.50	7.50	42.00	.....	.....
Analysis.....	26.05	4.68	6.41	42.45	9.17	11.24
Analysis.....	25.75	5.03	6.00	42.78	8.85	11.59
Pillsbury's Best No-Mix 28% Protein Concen- trate for Turkeys.....	28.00	3.50	8.00	36.00	.....	.....
Analysis.....	27.94	4.86	8.27	38.74	7.72	12.47
Pillsbury's Best Turkey Grower and Finisher Pellets.....	22.00	3.50	7.00	50.00	.....	.....
Analysis.....	22.99	4.70	5.59	49.60	8.90	8.22
<b>Pillsbury Flour Mills Company, Minneapolis, Minnesota, and Branches.</b>						
Pillsbury's Wheat Gray Shorts.....	16.00	3.50	6.00	55.00	.....	.....
Analysis.....	19.58	4.36	5.04	61.66	5.49	3.87
Analysis.....	17.90	4.44	5.30	56.36	11.56	4.44
Pillsbury's Wheat Bran and Screenings.....	14.50	3.50	10.00	50.00	.....	.....
Analysis.....	17.12	4.92	9.94	51.96	9.24	6.82
Analysis.....	16.53	4.04	9.86	51.30	11.68	6.59
<b>Pincoffs Company, Maurice, Houston, Texas.</b>						
Pinco Brand 20% Protein Mixed Feed.....	20.00	4.00	10.00	48.00	.....	.....
Analysis.....	21.02	4.33	9.51	47.19	8.70	9.25

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>480</sup>Soybean oil meal found, not claimed.<sup>481</sup>Excess of salt.<sup>482</sup>Deficient in ground limestone.<sup>483</sup>In pellet form.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Pioneer Flour Mills, San Antonio, Texas.</b>						
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	.....	.....
Analysis.....	16.58	3.47	4.59	59.73	12.23	3.40
Texas Pioneer Baby Chick Starter.....	17.00	4.00	6.80	48.00	.....	.....
Analysis <sup>484</sup> .....	17.05	4.06	3.96	56.35	11.97	6.61
Texas Pioneer Growing Mash.....	16.00	3.50	7.60	49.60	.....	.....
Analysis.....	15.50	3.87	5.74	57.18	11.38	6.33
Texas Pioneer Laying Mash.....	18.00	3.50	7.20	46.80	.....	.....
Analysis.....	17.99	4.61	5.95	53.26	10.99	7.20
Analysis <sup>485</sup> .....	18.92	4.29	5.83	52.66	11.09	7.21
Analysis <sup>486</sup> .....	18.51	4.49	5.22	53.78	11.58	6.42
Analysis.....	19.63	4.75	6.15	50.66	11.25	7.56
Analysis <sup>487</sup> .....	20.71	4.47	6.20	50.12	10.00	8.50
Analysis.....	21.00	5.01	6.15	48.86	10.13	8.85
18% Protein Dairy Feed.....	18.00	3.00	10.00	48.00	.....	.....
Analysis <sup>488</sup> .....	17.91	3.48	7.75	51.76	12.24	6.86
16.50% Protein Dairy Feed.....	16.50	4.00	9.60	49.30	.....	.....
Analysis <sup>484</sup> .....	17.29	4.87	7.06	53.60	10.70	6.48
<b>Pitman-Fite Grain Company, Wichita Falls, Texas.</b>						
Par Value Brand 16% Protein Dairy Feed.....	16.00	3.50	9.00	50.00	.....	.....
Analysis.....	18.01	4.15	7.45	53.24	10.09	7.06
Par Value Brand 20% Protein Egg Mash.....	20.00	3.70	7.50	48.00	.....	.....
Analysis.....	20.52	3.63	5.86	51.37	9.69	8.93
Par Value Brand Growing Mash.....	17.00	3.50	6.70	51.00	.....	.....
Analysis <sup>488</sup> .....	17.79	3.41	5.66	56.85	9.56	6.73
Par Value Brand 9% Protein Sweet Feed.....	9.00	1.70	25.00	46.00	.....	.....
Analysis.....	10.40	1.45	16.29	46.40	12.47	12.99
<b>Plains Cooperative, Inc., Feed Mill Division, Plainview, Texas.</b>						
Plains Gold Growing Mash.....	19.00	3.50	8.00	49.00	.....	.....
Analysis.....	20.84	4.30	6.53	52.21	8.58	7.54
Analysis.....	19.69	4.23	5.63	53.13	9.65	7.67
Plains Gold Starting Mash.....	20.00	3.50	6.50	48.00	.....	.....
Analysis.....	21.25	4.18	5.68	50.58	9.20	9.11
Plains Gold Turkey Growing Mash.....	19.00	3.50	8.00	45.00	.....	.....
Analysis <sup>d</sup> .....	19.20	4.87	6.40	50.60	8.83	10.10
Milo Chop.....	10.00	2.50	3.00	70.00	.....	.....
Analysis.....	9.87	3.22	2.28	72.10	10.89	1.64
Rainbow 18% Protein Egg Mash.....	18.00	3.50	6.00	53.00	.....	.....
Analysis <sup>k</sup> .....	20.25	3.67	4.25	55.20	9.37	7.26
Rainbow 19% Protein Egg Mash.....	19.00	3.50	6.00	49.00	.....	.....
Analysis.....	20.36	4.06	4.92	52.89	8.91	8.86
<b>Plains Cooperative Oil Mill, Lubbock, Texas.</b>						
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>h489</sup> .....	42.88	6.93	9.61	28.34	7.08	5.16
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>e</sup> .....	41.16	6.56	11.40	28.83	7.05	5.00
Analysis <sup>e</sup> .....	41.54	6.24	11.83	28.09	7.26	5.04
Analysis <sup>e</sup> .....	41.13	7.03	11.73	27.55	7.40	5.16
Analysis.....	44.40	6.67	9.61	25.62	8.49	5.21
Analysis <sup>e</sup> .....	41.77	6.88	10.88	28.11	7.41	4.95
Analysis <sup>a490</sup> .....	39.50	6.80	12.51	29.38	6.84	4.97
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	43.05	6.19	5.78	30.55	9.02	5.41

a, b, c, d, e, f, g, h, i, j, k, —See legend at the beginning of this table.

484Deficient in ground limestone.

485Cottonseed meal and milo or kafir found, not claimed. Excess of salt.

486Milo or kafir found, not claimed.

487Soybean oil meal found, not claimed.

488Excess of salt.

489In meal form.

490Excess cottonseed hulls.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Plains Feed Mill, Lubbock, Texas.</b>						
Mixed Cow Feed.....	12.50	1.50	22.00	45.00	.....	.....
Analysis.....	11.70	2.28	22.85	42.18	12.83	8.16
<b>Planters Cotton Oil Company, Dallas, Texas.</b>						
Golden Rod Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	45.25	6.34	8.82	26.64	7.14	5.81
Analysis <sup>c</sup> .....	41.10	7.04	12.22	27.93	6.43	5.28
Analysis <sup>c</sup> .....	42.35	6.34	11.06	27.12	7.53	5.60
Analysis.....	43.93	6.88	10.35	26.10	7.20	5.54
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00	.....	.....
Analysis.....	42.71	6.35	5.58	31.48	7.82	6.06
Analysis.....	43.00	5.95	5.45	31.92	7.73	5.95
<b>Planters Cotton Oil Company, Weatherford, Texas.</b>						
41% Protein Peanut Cake.....	41.00	6.00	12.00	23.00	.....	.....
Analysis.....	40.99	6.58	10.35	26.78	8.85	6.45
43% Protein Peanut Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>c491</sup> .....	37.17	7.77	15.06	26.78	7.22	6.00
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>c491</sup> .....	38.96	9.10	20.00	21.51	6.41	4.02
Analysis <sup>c491</sup> .....	41.05	8.64	18.00	21.20	6.87	4.24
Analysis.....	43.38	7.96	15.58	21.02	7.21	4.85
Analysis.....	43.45	7.98	14.61	22.39	6.86	4.71
Analysis <sup>c</sup> .....	38.35	8.05	12.42	28.09	6.87	6.22
41% Protein Peanut Meal.....	41.00	6.00	12.00	23.00	.....	.....
Analysis.....	39.84	8.64	14.46	23.89	7.62	5.55
Analysis <sup>c</sup> .....	36.70	8.56	16.22	25.67	7.50	5.35
Analysis.....	40.65	7.39	9.40	29.04	7.31	6.21
36% Protein Whole-Pressed Peanuts.....	36.00	6.00	22.00	20.00	.....	.....
Analysis <sup>k c</sup> .....	34.87	9.36	23.86	22.01	5.55	4.35
34% Protein Whole-Pressed Peanuts.....	34.00	6.00	24.00	20.00	.....	.....
Analysis.....	30.96	9.59	19.72	26.17	7.27	6.29
<b>Planters Cotton Oil Mill, Ennis, Texas.</b>						
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00	.....	.....
Analysis.....	44.35	5.15	5.77	30.21	9.14	5.38
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	44.49	5.40	10.32	26.01	8.14	5.64
Analysis.....	43.02	6.21	10.82	27.18	7.17	5.60
Analysis.....	43.71	5.44	10.56	26.60	7.76	5.93
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	43.57	6.82	9.94	26.54	7.51	5.62
<b>Pleasant Valley Feed &amp; Lumber Company, Amarillo, Texas.</b>						
Pleasant Valley Growing Mash.....	16.70	3.50	8.00	50.00	.....	.....
Analysis <sup>492</sup> .....	17.34	4.29	6.43	55.69	9.03	7.22
Pleasant Valley Laying Mash.....	19.00	3.50	8.00	48.00	.....	.....
Analysis.....	20.20	4.80	6.48	49.99	10.49	8.04
Pleasant Valley All-Mash Chick Starter.....	16.00	3.50	6.50	53.00	.....	.....
Analysis.....	16.19	4.47	5.29	57.85	9.08	7.12
<b>Ponca City Milling Company, Inc., Ponca City, Oklahoma.</b>						
Supreme Brand 16% Protein Dairy Ration....	16.00	2.50	16.00	50.00	.....	.....
Analysis.....	16.51	2.69	10.96	53.87	9.67	6.30
Analysis.....	16.00	2.75	10.42	51.72	10.05	9.06
Analysis <sup>a</sup> .....	16.20	3.87	10.76	49.59	11.61	7.97

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>491</sup>Excess peanut hulls.<sup>492</sup>Cottonseed meal claimed, not found. Linseed meal found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Ponca City Milling Company, Inc., Ponca City, Oklahoma—Continued.</b>						
Supreme Brand Hog Fat-Ner.....	15.00	3.00	7.20	53.70		
Analysis <sup>493</sup> .....	17.04	2.80	7.55	55.20	8.55	8.86
Supreme Brand Egg-Producer.....	18.00	3.50	6.50	53.70		
Analysis.....	16.68	3.52	5.87	54.87	11.34	7.72
Analysis.....	16.00	3.37	5.63	55.96	11.96	7.08
Analysis.....	17.47	3.05	5.79	56.18	9.79	7.72
Analysis.....	19.39	4.20	4.94	54.54	9.48	7.45
Supreme Brand All-Purpose Hog Feed.....	15.00	3.00	8.00	53.50		
Analysis.....	18.33	3.28	7.46	52.23	9.50	9.20
Analysis <sup>h</sup> .....	17.65	3.76	6.73	52.82	10.97	8.07
<b>Port City Packing Company, Houston, Texas.</b>						
Big State Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00		
Analysis.....	51.61	13.60	2.88	2.70	7.04	22.17
Analysis.....	51.38	12.11	2.50	2.56	6.90	24.55
Analysis.....	52.22	13.55	2.95	1.84	6.91	22.53
<b>Porter &amp; White, Knox City, Texas.</b>						
A-1 Brand Chick Starter.....	17.00	3.50	6.50	51.50		
Analysis <sup>494</sup> .....	17.68	4.75	4.74	54.46	10.58	7.79
Our Leader Brand Egg Mash.....	20.00	3.50	7.50	47.50		
Analysis <sup>494</sup> .....	20.19	4.05	5.72	52.03	10.18	7.78
Cheap Brand Cow Feed.....	14.00	3.50	17.50	44.00		
Analysis <sup>495</sup> .....	14.19	3.47	12.16	48.56	10.29	11.33
<b>Port Gibson Oil Works, Port Gibson, Mississippi.</b>						
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00		
Analysis <sup>41</sup> .....	42.04	5.23	10.00	29.64	6.83	6.26
<b>Poston Brothers Mill &amp; Feed Company, Gatesville, Texas.</b>						
Posto Hog Feed.....	15.50	3.50	5.00	59.00		
Analysis.....	12.60	3.11	3.65	67.32	10.49	2.83
<b>Power Grain Company, Dallas, Texas.</b>						
Hi-Power Brand Egg Mash.....	20.00	3.70	8.00	45.00		
Analysis.....	20.20	5.54	5.85	49.93	11.38	7.10
<b>Pratt Food Company, Hammond, Indiana.</b>						
Pratt's Vital-Trate 16-D.....	24.50	3.50	9.50	44.00		
Analysis <sup>a</sup> .....	32.66	4.96	8.85	39.56	9.57	4.40
Analysis.....	30.70	4.94	9.00	41.84	9.02	4.50
<b>Pritchard Rice Milling Company, Houston, Texas.</b>						
Primco Rice Polishings containing Limestone.....	12.00	10.00	4.00	50.00		
Analysis.....	12.19	13.29	3.88	52.00	9.95	8.69
Primco Rice Bran containing Limestone.....	12.00	12.00	15.00	38.00		
Analysis <sup>496</sup> .....	12.53	14.08	14.22	35.10	9.43	14.59

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>493</sup>Cottonseed meal claimed not found. Peanut meal found, not claimed.<sup>494</sup>Excess of ground limestone.<sup>495</sup>Deficient in ground limestone.<sup>496</sup>Excess of ground limestone.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Producers Cooperative Mill, <sup>1943</sup> Midlothian, Texas.</b>						
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00		
Analysis	42.82	6.92	9.75	27.52	7.61	5.38
Analysis <sup>c</sup>	41.05	6.22	12.22	27.33	7.83	5.35
Analysis <sup>e</sup>	40.65	6.54	12.29	27.43	7.72	5.37
43% Protein Cracked Cottonseed Cake	43.00	5.20	12.00	25.00		
Analysis	41.15	6.13	11.45	26.70	9.17	5.40
Midco Egg Laying Mash	18.00	3.50	5.30	51.00		
Analysis <sup>497</sup>	18.29	3.63	5.63	55.05	10.10	7.30
Analysis <sup>498</sup>	17.54	3.83	6.03	56.68	10.03	5.89
Midco Baby Chick Starter	18.00	3.50	7.00	50.50		
Analysis	17.70	4.19	7.63	54.40	9.53	6.55
Midco Dairy Feed	19.00	3.50	11.50	43.00		
Analysis	18.05	3.51	7.17	54.94	9.75	6.58
Analysis	20.68	3.35	8.00	50.71	9.41	7.85
Analysis	20.20	2.95	8.02	48.42	11.61	8.80
Midco 35.50% Protein Supplement for Hogs	35.50	4.50	10.80	17.30		
Analysis	35.37	5.67	9.78	22.98	6.85	19.35
41% Protein Soybean Oil Meal	41.00	4.50	7.00	29.00		
Analysis	44.81	6.12	5.25	30.23	7.73	5.86
<b>Purity Feed &amp; Seed Company, Beeville, Texas.</b>						
Bee-Co Chick Starting Mash	17.50	3.50	5.00	56.00		
Analysis	18.29	4.58	4.08	54.48	10.69	7.88
<b>Purity Oats Unit of General Mills, Inc., Keokuk, Iowa.</b>						
Oat Hulls, Oat Shorts and Oat Middlings	5.00	1.80	25.50	53.00		
Analysis <sup>499</sup>	3.45	.94	31.60	47.66	9.49	6.86
<b>Quaker Oats Company, The, Chicago, Illinois.</b>						
Big Egg Brand Laying Mash	18.00	3.70	8.00	50.00		
Analysis	19.29	4.61	7.46	51.95	9.73	6.96
Big Egg Brand Laying Mash Pellets	18.00	3.70	8.00	50.00		
Analysis <sup>a</sup>	21.50	4.66	6.73	49.55	9.52	8.04
Ful-O-Pep Brand Pig Starter	20.00	4.50	7.50	50.00		
Analysis	20.25	4.41	6.86	53.90	8.82	5.76
Ful-O-Pep Brand Turkey Breeder Mash	20.00	4.50	8.00	45.00		
Analysis <sup>a</sup>	20.87	5.03	5.82	51.68	10.09	6.51
Ful-O-Pep Brand Turkey Breeder Mash Pellets	20.00	4.50	8.00	45.00		
Analysis <sup>a</sup>	20.66	5.16	6.75	49.88	10.43	7.12
Ful-O-Pep Brand Super-Greens Mash Pellets	17.00	4.50	8.00	47.00		
Analysis	18.65	5.22	6.64	52.18	10.36	6.95
Ful-O-Pep Brand Turkey Grower Pellets	20.00	3.50	8.00	45.00		
Analysis	20.23	4.17	6.93	54.21	7.29	7.17
Aunt Jemima Wheat Gray Shorts and Screenings	16.00	4.00	6.00	55.00		
Analysis	16.82	3.60	4.05	60.40	11.83	3.30
Ful-O-Pep Brand Crate Fattener	13.00	3.00	8.00	60.00		
Analysis <sup>a e</sup>	15.05	4.91	6.87	59.76	9.59	3.82
Ful-O-Pep Brand Crate Fattener	13.00	3.50	8.00	60.00		
Analysis <sup>f</sup>	14.44	4.98	7.33	58.15	10.60	4.50
Quaker 16% Protein Dairy Feed	16.00	3.00	12.50	45.00		
Analysis	17.55	3.78	11.42	54.76	6.62	5.87
Analysis	15.85	4.32	11.73	50.75	10.47	6.88
Analysis <sup>f</sup>	15.57	4.61	10.25	51.98	9.87	7.72

<sup>a, b, c, d, e, f, g, h, i, j, k.</sup>—See legend at the beginning of this table.<sup>497</sup>Deficient in ground oyster shell.<sup>498</sup>Deficient in ground oyster shell and salt.<sup>499</sup>Excess of oat hulls.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Moist- ure	Crude Ash
<b>Quaker Oats Company, The, Chicago, Illinois—Continued.</b>						
Quaker 16% Protein Dairy Feed <sup>500</sup> .....	16.00	3.00	12.50	45.00	.....	.....
Analysis <sup>501</sup> .....	16.20	5.63	9.32	50.89	10.20	7.76
Analysis <sup>502</sup> .....	16.80	5.69	8.71	52.37	9.24	7.19
Quaker 16% Protein Dairy Feed <sup>503</sup> .....	16.00	3.00	12.50	45.00	.....	.....
Analysis <sup>504</sup> .....	16.54	3.43	10.65	53.62	10.48	5.28
Analysis <sup>505</sup> .....	17.53	3.54	11.53	53.89	7.83	5.68
Analysis <sup>506</sup> .....	16.20	3.49	9.60	56.61	9.07	5.03
Quaker Schumacher Feed.....	10.00	3.00	12.00	55.00	.....	.....
Analysis <sup>507</sup> .....	11.07	3.14	9.59	60.98	10.91	4.31
Quaker Sugared Schumacher Feed.....	10.00	3.00	12.00	55.00	.....	.....
Analysis.....	11.61	2.62	7.66	63.56	11.12	3.43
Analysis.....	11.08	3.12	7.70	63.61	10.37	4.12
Quaker Sugared Schumacher Pellets.....	10.00	3.00	12.00	55.00	.....	.....
Analysis.....	11.42	3.48	9.32	61.54	9.85	4.39
Analysis.....	11.02	3.27	11.44	57.44	12.93	3.90
Analysis.....	11.33	3.14	8.75	61.01	11.80	3.97
Ful-O-Pep Brand 16% Protein Dairy Feed.....	16.00	4.00	10.00	50.00	.....	.....
Analysis.....	16.40	4.58	9.37	54.68	9.50	5.47
Analysis <sup>508</sup> .....	16.59	4.85	8.82	53.69	10.67	5.38
Analysis <sup>508</sup> .....	17.38	5.69	8.01	52.45	9.62	6.85
Analysis.....	16.70	4.35	9.27	52.70	11.53	5.45
Analysis.....	16.75	4.63	9.65	51.03	12.21	5.73
Analysis.....	16.78	4.57	8.35	53.48	11.35	5.47
Analysis.....	15.21	4.36	8.42	54.94	11.53	5.54
Analysis.....	17.35	4.40	8.70	53.40	9.66	6.49
Ful-O-Pep Brand Pig-N-Sow Feed.....	16.00	4.00	8.00	50.00	.....	.....
Analysis <sup>j</sup> .....	17.53	3.53	7.35	56.38	9.36	5.85
Ful-O-Pep Brand Pig-N-Sow Feed.....	16.00	3.50	8.00	50.00	.....	.....
Analysis.....	16.80	4.85	5.50	54.65	10.26	7.94
Ful-O-Pep Brand Calf Starter Pellets.....	20.00	4.50	8.00	49.00	.....	.....
Analysis <sup>j</sup> .....	20.60	5.29	5.78	52.56	10.54	5.23
Analysis.....	20.05	5.33	6.29	52.43	9.09	6.81
Ful-O-Pep Brand Range Breeder Cubes.....	14.00	3.00	10.00	55.00	.....	.....
Analysis <sup>j</sup> .....	15.15	3.67	7.58	59.32	9.31	4.97
Analysis.....	14.67	3.29	6.66	58.87	11.23	5.28
Analysis.....	14.82	3.47	6.44	58.84	12.13	4.30
Analysis.....	14.49	3.38	7.73	57.06	12.02	5.32
Analysis.....	14.10	3.17	6.55	58.63	12.46	5.09
Analysis.....	15.33	3.73	7.02	56.99	12.40	4.53
Analysis.....	15.11	2.55	7.03	59.85	11.45	4.01
Analysis <sup>j</sup> .....	14.60	3.45	7.60	56.91	12.18	5.26
Analysis.....	15.00	3.50	6.12	60.19	10.88	4.31
Ful-O-Pep Brand Egg-Breeder Mash.....	20.00	4.50	8.00	45.00	.....	.....
Analysis.....	21.30	4.25	7.25	52.66	7.63	6.91
Analysis.....	20.60	4.26	6.79	53.58	8.63	6.14
Analysis.....	20.70	4.84	6.52	51.84	9.28	6.82
Analysis.....	21.60	4.58	6.46	50.44	9.68	7.24
Analysis <sup>j</sup> .....	20.50	4.81	6.95	50.03	10.93	6.78
Analysis <sup>e</sup> .....	21.37	4.71	6.74	50.74	9.48	6.96
Ful-O-Pep Brand Egg Breeder Mash.....	20.00	4.00	8.00	45.00	.....	.....
Analysis.....	20.10	4.90	6.06	51.72	10.80	6.42
Analysis.....	20.09	5.36	6.08	51.90	9.79	6.78

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>500</sup>Guaranty includes 5% equivalent crude protein from non-protein nitrogen.<sup>501</sup>This includes 3.45% of protein calculated from urea. Carbonate of lime found, not claimed.<sup>502</sup>This includes 4% of protein calculated from 1.38% of urea. Carbonate of lime found, not claimed.<sup>503</sup>Guaranty includes 4.30% equivalent crude protein from non-protein nitrogen.<sup>504</sup>This includes 4.25% protein calculated from 1.47% of urea.<sup>505</sup>This includes 3.95% protein calculated from 1.34% of urea.<sup>506</sup>This includes 4.45% protein calculated from 1.53% of urea.<sup>507</sup>Milo or kafir found, not claimed.<sup>508</sup>Carbonate of lime found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Quaker Oats Company, The,</b> <b>Chicago, Illinois—Continued.</b>						
Ful-O-Pep Brand Chick Starter .....	17.00	4.50	7.00	50.00		
Analysis <sup>e</sup> .....	19.15	4.78	5.83	55.13	9.25	5.86
Ful-O-Pep Brand Chick Starter .....	17.00	4.00	7.00	50.00		
Analysis .....	18.41	5.68	6.06	53.73	9.88	6.24
Ful-O-Pep Brand Broiler Mash .....	19.00	4.00	8.00	49.00		
Analysis <sup>e</sup> .....	19.60	4.96	6.91	51.64	9.54	7.35
Ful-O-Pep Brand Broiler Mash .....	19.00	3.50	8.00	49.00		
Analysis .....	19.74	4.77	6.92	51.72	10.01	6.84
Analysis <sup>f</sup> .....	20.13	4.71	5.98	53.26	8.69	7.23
Analysis .....	18.75	4.57	5.33	53.12	10.77	7.46
Analysis .....	19.50	4.51	5.83	54.07	8.78	7.31
Ful-O-Pep Brand Growing Mash .....	19.00	4.00	7.00	47.00		
Analysis .....	19.33	4.80	6.08	52.56	10.13	7.10
Analysis .....	19.60	5.26	6.20	52.56	9.60	6.78
Analysis .....	20.12	5.00	5.35	53.33	9.68	6.52
Analysis .....	19.00	4.52	5.15	53.22	10.57	7.54
Ful-O-Pep Laying Mash .....	20.00	4.00	8.00	45.00		
Analysis .....	21.18	3.09	6.70	54.09	8.24	6.70
Analysis .....	20.28	4.38	7.12	51.31	9.38	7.53
Analysis .....	21.53	4.67	6.25	51.66	8.84	7.05
Analysis <sup>e</sup> .....	20.90	3.83	7.10	51.76	8.90	7.51
Ful-O-Pep Brand Laying Mash .....	20.00	3.50	8.00	45.00		
Analysis <sup>f</sup> .....	20.20	4.43	6.22	50.76	11.03	7.36
Analysis .....	20.49	4.45	5.80	50.64	10.63	7.99
Analysis .....	20.00	3.64	6.97	52.61	9.35	7.43
Ful-O-Pep Brand Laying Mash Pellets .....	20.00	4.00	8.00	45.00		
Analysis <sup>e</sup> .....	19.37	3.62	5.00	55.05	10.04	6.92
Ful-O-Pep Brand Laying Mash Pellets .....	20.00	3.50	8.00	45.00		
Analysis <sup>f</sup> .....	20.07	4.28	5.33	52.91	10.78	6.63
<b>Quality Feed Store,</b> <b>Waco, Texas.</b>						
Sure-Fine Brand Laying Mash .....	20.00	3.70	7.50	44.00		
Analysis <sup>509</sup> .....	16.94	5.87	5.79	52.33	9.80	9.27
Analysis <sup>510</sup> .....	18.77	5.84	6.40	48.17	10.29	10.53
Analysis .....	17.67	3.71	4.01	54.53	11.75	8.33
Analysis <sup>509</sup> .....	21.98	6.36	5.78	44.52	9.13	12.23
Analysis <sup>509</sup> .....	21.75	6.28	5.58	45.23	9.43	11.73
Sure-Fine "Grow or Bust" Brand Hog Feed .....	19.00	3.50	7.00	45.00		
Analysis <sup>511</sup> .....	18.14	4.08	4.02	56.80	11.01	5.95
Utility Brand Stock Feed .....	13.70	4.00	10.20	53.00		
Analysis <sup>511</sup> .....	12.69	5.77	9.00	53.34	11.73	7.47
Analysis <sup>511</sup> .....	15.15	3.52	7.80	57.85	10.38	5.30
Hog Feed .....	15.50	3.50	6.00	57.00		
Analysis .....	17.13	3.90	3.98	58.89	11.55	4.55
<b>Quality Mills,</b> <b>Austin, Texas.</b>						
Shur-Lay Brand Egg Mash .....	18.00	3.50	8.00	45.00		
Analysis .....	18.45	3.94	5.23	52.51	12.27	7.60
Austin Maid Laying Mash .....	20.00	3.70	7.20	46.00		
Analysis .....	21.66	4.69	5.45	46.99	11.09	10.12
Pennant Special Laying Mash .....	20.50	3.50	7.40	44.60		
Analysis .....	22.15	4.41	4.62	48.96	10.77	9.09
Hi-Bred Dairy Feed .....	18.00	3.50	12.00	40.00		
Analysis .....	18.41	4.34	9.89	48.41	11.31	7.64
<b>Quannah Cotton Oil Company,</b> <b>Quannah, Texas.</b>						
43% Protein Cottonseed Meal .....	43.00	5.20	12.00	23.00		
Analysis <sup>e</sup> .....	41.74	5.84	11.61	29.58	5.95	5.28

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>509</sup>Rice bran found, not claimed. Excess of ground oyster shell.<sup>510</sup>Excess of ground oyster shell.<sup>511</sup>Carbonate of lime found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Quannah Cotton Oil Company, Quannah, Texas—Continued.</b>						
Mixed Feed No. 1.....	11.80	1.70	38.00	36.00		
Analysis.....	11.01	1.68	36.20	39.85	8.14	3.12
43% Protein Coarsely Ground Cottonseed Meal.....	43.00	5.20	12.00	23.00		
Analysis <sup>c</sup> .....	41.40	5.82	13.37	28.27	5.88	5.26
43% Protein Cottonseed Pellets.....	43.00	5.20	12.00	23.00		
Analysis.....	40.20	5.19	13.77	27.76	7.90	5.18
Analysis <sup>c</sup> .....	41.97	5.75	11.51	28.04	7.35	5.38
Analysis <sup>e</sup> .....	41.24	5.64	12.07	28.88	6.86	5.31
Analysis <sup>c</sup> .....	40.48	5.62	12.68	28.45	7.66	5.11
Analysis.....	41.80	5.55	12.17	27.51	7.65	5.32
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00		
Analysis.....	44.35	4.91	5.53	30.71	8.30	6.20
Analysis.....	43.55	5.08	5.87	32.03	7.74	5.82
<b>Quinn Fisheries, Wallace M., Pascagoula, Mississippi.</b>						
Quinn's 60% Protein Fish Meal.....	60.00	2.00	1.00	1.00		
Analysis <sup>a512</sup> .....	61.65	5.50	.45	3.00	11.19	18.21
<b>Ralston Purina Company, Fort Worth and Lubbock, Texas.</b>						
Purina Omolene.....	10.00	3.00	11.00	56.00		
Analysis.....	12.45	3.68	7.25	60.88	10.33	5.41
Analysis.....	10.73	4.58	10.66	56.51	12.37	5.15
Purina Broiler Chow.....	18.00	3.50	7.00	46.00		
Analysis.....	18.40	4.57	5.55	52.73	11.81	6.94
Analysis.....	21.24	3.82	5.15	53.99	8.20	7.60
Purina Breeder Lay Chow.....	22.00	3.50	8.00	42.00		
Analysis <sup>a</sup> .....	21.50	4.97	5.61	47.10	11.02	9.80
Analysis <sup>a</sup> .....	22.10	5.18	6.01	46.10	10.85	9.76
Purina Chick Startena.....	18.00	4.00	7.00	46.00		
Analysis.....	19.60	4.60	4.59	53.37	11.54	6.30
Analysis.....	18.40	4.61	4.48	53.91	11.95	6.65
Analysis <sup>j</sup> .....	19.91	4.14	4.03	54.09	11.63	6.20
Analysis.....	20.48	4.96	3.78	54.76	9.02	7.00
Analysis.....	21.91	5.19	4.00	53.34	9.29	6.27
Purina Chick Growena.....	17.00	3.50	7.00	48.00		
Analysis <sup>a513</sup> .....	18.00	4.09	5.02	57.95	10.11	4.83
Analysis <sup>j</sup> .....	17.80	3.17	4.20	57.96	10.53	6.34
Purina Layena (Complete Ration).....	15.50	3.50	8.00	47.00		
Analysis.....	17.10	3.50	5.83	56.20	9.31	8.06
Analysis <sup>e</sup> .....	16.48	3.59	4.15	56.77	10.61	8.40
Purina Breeder Layena (Complete Ration).....	15.50	3.50	8.00	47.00		
Analysis <sup>j</sup> .....	15.89	3.94	4.00	57.37	10.15	8.65
Purina Chick Growing Chow.....	23.00	3.50	7.00	42.00		
Analysis <sup>j</sup> .....	22.71	4.23	4.88	49.96	9.18	9.04
Purina 18% Protein Lay Chow.....	18.00	3.00	8.00	42.00		
Analysis.....	18.42	3.20	5.43	53.96	10.14	8.85
Analysis <sup>e</sup> .....	17.11	3.95	5.16	54.45	11.67	7.66
Purina 18% Protein Lay Chow.....	18.00	3.50	8.00	42.00		
Analysis.....	19.16	4.59	5.51	50.78	10.83	9.13
Analysis.....	18.89	2.97	6.68	53.11	8.43	9.92
Analysis.....	18.53	3.61	6.57	52.55	9.71	9.03
Analysis <sup>j b</sup> .....	19.80	3.57	5.75	52.48	8.76	9.64
Purina 32% Protein Chowder Supplement.....	32.00	4.50	9.00	26.00		
Analysis <sup>a</sup> .....	32.56	6.42	6.25	32.78	6.76	15.23
Analysis <sup>a14</sup> .....	33.16	6.42	6.59	32.06	6.17	15.60
Analysis.....	32.30	5.15	5.98	32.27	9.27	15.03
Analysis <sup>a e</sup> .....	32.89	6.21	6.28	30.29	9.01	15.32

<sup>a, b, c, d, e, f, g, h, i, j, k.</sup>—See legend at the beginning of this table.<sup>512</sup>Contained large fish scales.<sup>513</sup>Deficient in ground limestone.<sup>514</sup>Deficient in ground limestone. Excess of salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Ralston Purina Company,</b>						
<b>Fort Worth and Lubbock, Texas—Cont'd.</b>						
Purina 32% Protein Chowder Supplement.....	32.00	3.50	9.00	26.00	.....	.....
Analysis <sup>515</sup> .....	34.35	5.90	5.52	31.05	8.85	14.33
Analysis.....	32.22	5.78	7.49	30.39	8.35	15.77
Analysis.....	33.02	6.35	7.23	29.39	7.72	16.29
Purina Turkey Startena.....	24.00	4.00	7.00	38.00	.....	.....
Analysis.....	24.30	4.63	5.48	47.26	9.58	8.75
Analysis.....	24.92	4.67	5.21	46.54	9.88	8.78
Analysis.....	25.69	5.08	5.28	45.59	9.55	8.81
Purina Turkey Breeder Chow Checkers.....	25.00	3.50	8.00	36.00	.....	.....
Analysis.....	24.15	4.48	6.01	42.97	10.44	11.95
Analysis <sup>516</sup> .....	25.20	3.83	6.45	42.09	10.25	12.18
Purina Turkey Layena Checkers (All-Mash Laying Ration).....	16.50	3.50	8.00	47.00	.....	.....
Analysis.....	16.80	4.13	4.69	55.02	10.47	8.89
Purina Turkey Growena Checkers.....	18.00	3.50	7.00	50.00	.....	.....
Analysis.....	20.11	3.74	4.68	56.04	7.61	7.82
Purina 20% Protein War-Time Sheep Feed Checkers <sup>517</sup> .....	20.00	2.50	8.00	47.00	.....	.....
Analysis.....	21.73	2.90	3.71	52.11	9.29	10.26
Analysis <sup>518</sup> .....	19.63	3.02	3.80	56.68	9.07	7.80
Purina War-Time Sheep Feed Checkers.....	12.00	2.50	8.00	55.00	.....	.....
Analysis.....	12.78	2.84	3.24	60.36	12.17	8.61
Purina Texas 18% Protein Cow Chow.....	18.00	3.00	12.00	46.00	.....	.....
Analysis <sup>a</sup> .....	20.58	3.35	7.10	52.60	8.61	7.76
Analysis.....	20.01	3.44	7.55	51.61	9.21	8.18
Analysis.....	18.40	3.43	6.83	53.12	11.14	7.08
Purina Texas 16% Protein Cow Chow <sup>519</sup> .....	16.00	3.00	12.00	46.00	.....	.....
Analysis <sup>520</sup> .....	16.90	3.25	7.22	55.39	10.97	6.27
Analysis <sup>521</sup> .....	16.69	3.25	7.19	55.88	10.93	6.07
Analysis <sup>522</sup> .....	16.79	3.40	7.14	55.39	10.77	6.51
Analysis <sup>523</sup> .....	16.93	2.47	5.84	54.83	11.54	8.39
Purina Texas 16% Protein Milk Chow.....	16.00	3.00	12.00	48.00	.....	.....
Analysis.....	17.65	3.27	6.67	55.85	8.87	7.69
Analysis.....	18.10	3.49	6.45	55.89	8.04	8.03
Analysis.....	18.05	3.11	5.24	55.57	11.04	6.99
Analysis.....	16.60	3.25	5.11	57.18	10.88	6.98
Analysis <sup>524</sup> .....	16.52	3.02	5.70	55.96	12.40	6.40
Purina Texas 16% Protein Milk Chow <sup>519</sup> .....	16.00	3.00	12.00	48.00	.....	.....
Analysis <sup>525</sup> .....	16.70	3.58	6.85	54.94	10.40	7.53
Analysis <sup>526</sup> .....	18.50	2.27	6.12	60.62	4.75	7.74
Purina War-Time Cattle Feed Checkers.....	12.00	2.50	8.00	55.00	.....	.....
Analysis.....	14.15	3.07	3.80	61.72	11.43	5.83
Analysis.....	12.87	2.76	5.27	62.93	8.50	7.67
Analysis.....	14.13	2.98	3.83	61.20	9.46	8.40
Analysis.....	13.90	3.01	3.72	60.17	11.88	7.32
Analysis <sup>524</sup> .....	13.96	3.16	3.80	60.22	11.63	7.23
Analysis.....	13.16	3.03	3.97	62.46	10.60	6.78

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>515</sup>Deficient in ground limestone. Excess of salt.<sup>516</sup>Excess of salt.<sup>517</sup>Guaranty includes 5.72% equivalent crude protein from non-protein nitrogen.<sup>518</sup>This includes 4.88% equivalent crude protein calculated from 1.68% of urea.<sup>519</sup>Guaranty includes 1.43% equivalent crude protein from non-protein nitrogen.<sup>520</sup>This includes 1.52% equivalent crude protein calculated from .52% of urea. Excess of salt.<sup>521</sup>This includes 1.46% equivalent crude protein calculated from .50% of urea.<sup>522</sup>This includes 1.45% equivalent crude protein calculated from .50% of urea.<sup>523</sup>This includes 1.27% equivalent crude protein calculated from .43% of urea.<sup>524</sup>Deficient in ground limestone.<sup>525</sup>This includes 1.40% equivalent crude protein calculated from .48% of urea.<sup>526</sup>This includes 1.43% equivalent crude protein calculated from .49% of urea.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Ralston Purina Company,</b> <b>Fort Worth and Lubbock, Texas—Cont'd.</b>						
Purina War-Time Hog Chow Supplement.....	35.00	3.00	14.00	25.00		
Analysis.....	35.27	5.63	9.32	32.73	6.42	10.63
Analysis <sup>5527</sup> .....	35.40	5.22	10.25	30.57	7.69	10.87
Analysis.....	35.30	4.84	9.97	29.84	7.54	12.51
Analysis.....	35.12	5.10	10.22	30.85	7.38	11.33
Analysis <sup>515</sup> .....	35.02	4.76	9.87	29.93	8.87	11.55
Analysis.....	34.09	4.70	11.99	28.49	8.53	12.20
Purina Dry and Freshening Chow.....	12.50	2.00	14.00	45.00		
Analysis.....	15.00	3.64	9.41	52.88	10.12	8.95
Analysis.....	13.59	3.77	8.37	54.17	11.19	8.91
Analysis <sup>a</sup> .....	12.45	3.62	8.92	56.07	10.68	8.26
Analysis.....	12.66	4.16	9.02	54.93	10.55	8.68
Purina Texas 24% Protein Cow Chow.....	24.00	3.00	12.00	38.00		
Analysis.....	23.91	3.98	12.16	43.05	8.72	8.18
Analysis.....	26.94	3.33	8.55	42.98	9.64	8.56
Purina Texas 24% Protein Cow Chow <sup>517</sup> .....	24.00	3.00	12.00	38.00		
Analysis <sup>5287</sup> .....	22.88	3.12	8.79	46.42	9.77	9.02
Analysis <sup>5297</sup> .....	25.24	3.03	9.62	44.66	9.19	8.26
Purina Calf Startena.....	19.50	2.50	9.50	43.00		
Analysis <sup>530</sup> .....	21.85	3.51	7.20	48.11	11.89	7.44
Purina Chicken Fatena.....	14.00	3.00	8.00	54.00		
Analysis.....	16.66	3.92	6.11	60.53	9.14	3.64
Purina Hog Fatena.....	14.00	3.00	7.00	52.00		
Analysis.....	14.80	3.49	4.54	61.50	10.75	4.92
Purina War-Time Sow and Pig Chow Supplement.....	28.00	3.00	10.00	36.00		
Analysis <sup>5531</sup> .....	30.40	4.62	8.85	39.43	7.89	8.81
<b>R. &amp; M. Feed Store,</b> <b>Bowie, Texas.</b>						
Farm Balanced Chick Starter.....	17.50	3.50	6.00	53.00		
Analysis.....	19.05	4.05	5.94	54.45	10.99	5.52
Farm Balanced Growing Mash.....	17.00	3.50	6.50	52.00		
Analysis <sup>532</sup> .....	18.19	4.00	5.33	55.29	10.53	6.66
Farm Balanced Egg Mash.....	18.00	4.00	7.00	51.00		
Analysis.....	19.09	3.80	5.00	54.48	10.82	6.81
Hi-Lo Brand Egg Mash.....	18.00	3.50	5.50	49.00		
Analysis <sup>533</sup> .....	17.70	4.02	4.85	56.50	10.62	6.31
Analysis <sup>533</sup> .....	19.76	3.57	6.24	52.64	10.26	7.53
Hi-Lo Brand Dairy Feed.....	18.00	3.00	8.50	49.00		
Analysis.....	18.39	3.93	8.38	51.65	8.70	8.95
<b>Ratliff Feed Store, A. J.,</b> <b>Ranger, Texas.</b>						
Our-Own Brand 15% Protein Cow Feed.....	15.00	3.00	9.50	54.50		
Analysis <sup>534</sup> .....	16.33	3.71	8.99	54.03	10.69	6.25
Our-Own Brand Egg Mash.....	20.00	3.50	8.00	44.00		
Analysis <sup>535</sup> .....	19.99	5.23	6.33	50.51	8.33	9.61
Our-Own Brand All-Mash Chick Starter.....	17.00	3.50	5.50	54.00		
Analysis.....	17.89	3.43	5.40	56.66	9.38	7.24

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

515Deficient in ground limestone. Excess of salt.

517Guaranty includes 5.72% equivalent crude protein from non-protein nitrogen.

527Incorrectly printed tags attached.

528This includes 2.76% equivalent crude protein calculated from .95% of urea.

529This includes 5% equivalent crude protein calculated from 1.72% of urea.

530Excess of salt.

531Incorrectly printed tags attached.

532Deficient in salt.

533Deficient in ground oyster shell.

534Excess of ground limestone and salt.

535Excess of ground oyster shell and salt.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Reardon Grain &amp; Produce Company,</b> Mason, Texas.						
Reardon's Dairy Feed .....	20.00	4.00	11.00	47.00		
Analysis <sup>536</sup> .....	19.71	3.89	13.76	47.52	9.65	5.47
Reardon's 18% Protein Dairy Feed .....	18.00	3.00	14.00	42.00		
Analysis .....	20.85	3.07	11.25	47.72	10.13	6.98
<b>Red Chain Feed Company,</b> Dallas, Texas.						
Ideal Brand Dairy Feed .....	18.50	4.00	12.00	44.00		
Analysis <sup>537</sup> .....	15.98	4.84	15.58	45.83	9.09	8.68
Analysis <sup>538</sup> .....	16.95	5.30	12.82	47.92	8.91	8.10
Analysis <sup>539</sup> .....	18.89	2.93	14.01	46.71	10.53	6.93
<b>Reed, G. H.,</b> Mart, Texas.						
Reed's Best Starting Mash .....	19.60	3.50	5.00	50.00		
Analysis .....	19.77	3.59	4.18	54.14	11.25	7.07
Reed's Best Laying Mash .....	18.00	3.50	5.50	49.00		
Analysis .....	19.25	3.31	4.13	54.20	11.31	7.80
<b>Reneau Brothers,</b> Seguin, Texas.						
Reneau's Supreme Brand Laying Mash .....	20.00	3.70	7.50	45.50		
Analysis .....	19.23	4.30	5.00	53.27	10.66	7.54
Reneau's Own-Mix 24% Protein Dairy Feed .....	24.00	3.50	12.40	42.00		
Analysis <sup>540</sup> .....	23.60	4.54	11.02	42.22	11.22	7.40
<b>Rhyme Milling Company,</b> Rhyme, Texas.						
No. 1 Brand Egg Mash .....	18.00	3.50	8.00	49.00		
Analysis <sup>541</sup> .....	17.06	4.00	6.26	55.39	9.65	7.64
Analysis .....	16.90	3.52	5.98	55.20	10.33	8.07
Analysis .....	18.72	4.17	6.11	51.34	10.98	8.68
RMC Brand Dairy Feed .....	17.80	3.20	13.00	45.00		
Analysis .....	17.61	3.18	10.21	51.36	10.17	7.47
Analysis .....	17.29	2.90	12.56	51.22	9.32	6.71
<b>Richmond Cotton Oil Company, Inc.,</b> Richmond, Texas.						
43% Protein Cottonseed Meal .....	43.00	6.00	12.00	23.00		
Analysis .....	41.95	6.38	11.20	26.49	7.42	6.56
Analysis <sup>542</sup> .....	39.25	12.78	13.08	21.18	7.62	6.09
<b>Riesel Gin Company,</b> Riesel, Texas.						
Ginco Economy Brand Laying Mash .....	19.00	3.50	7.80	47.30		
Analysis .....	19.05	4.09	5.67	52.04	10.89	8.26
<b>Riggs, S. E.,</b> Mesquite, Texas.						
Ear Corn Chop with Husk .....	8.00	3.00	10.00	65.00		
Analysis .....	8.30	2.90	11.26	64.74	11.00	1.80

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>536</sup>Soybean oil meal found, not claimed.<sup>537</sup>Cottonseed meal claimed not found.<sup>538</sup>Adulterated with peanut hulls. Brewers' dried grains and corn gluten feed claimed, not found.<sup>539</sup>Adulterated with rice hulls and peanut hulls. Grain sorghum meal found, not claimed.<sup>540</sup>Rice hulls and peanut hulls found, not claimed.<sup>541</sup>Illegible tags attached.<sup>542</sup>Excess cottonseed hulls. Off color.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Rio Grande Valley Citrus Exchange,</b> Weslaco, Texas.						
Texsun Brand Dried Citrus Pulp .....	5.50	2.50	10.50	62.00	.....	.....
Analysis .....	5.11	3.06	9.82	67.99	8.08	5.94
Analysis .....	5.00	3.26	10.21	59.31	14.19	8.03
Analysis .....	5.90	2.76	12.51	60.91	10.46	7.46
Analysis .....	6.85	2.96	12.17	58.27	11.55	8.20
Analysis .....	5.05	2.38	10.57	61.26	11.53	9.21
<b>Rio Grande Valley Cotton Oil Company,</b> Clint, Texas.						
43% Protein Cottonseed Cake .....	43.00	6.00	12.00	23.00	.....	.....
Analysis .....	42.74	7.15	9.57	27.82	7.03	5.69
43% Protein Cottonseed Meal .....	43.00	6.00	12.00	23.00	.....	.....
Analysis .....	42.05	10.01	9.26	27.33	5.41	5.94
Analysis .....	41.92	9.18	9.03	27.04	6.91	5.92
Analysis .....	39.20	9.09	10.52	28.43	7.12	5.64
<b>Robbins Feed &amp; Grocery Company,</b> Dublin, Texas.						
Shamrock Egg Mash .....	20.00	3.60	7.50	50.00	.....	.....
Analysis .....	15.38	3.49	5.01	60.52	10.64	4.96
Analysis <sup>543</sup> .....	19.86	4.51	5.30	54.02	9.43	6.88
Analysis .....	20.90	5.47	5.55	48.99	10.82	8.27
Shamrock Cow Feed .....	15.50	3.30	27.50	38.00	.....	.....
Analysis <sup>544</sup> .....	12.64	3.63	18.46	42.25	9.12	13.90
Shamrock Cow Feed .....	15.50	3.00	24.50	38.00	.....	.....
Analysis <sup>545</sup> .....	16.10	3.63	23.38	40.49	8.45	7.95
<b>Roberts Seed Company,</b> Texico, New Mexico.						
Roberts' Cattle Cubes .....	12.50	2.50	8.50	55.00	.....	.....
Analysis <sup>546</sup> .....	12.70	2.64	2.81	63.86	11.62	6.37
Roberts' Texico Brand 17% Protein Cattle Feed Cubes .....	17.00	3.00	5.00	56.00	.....	.....
Analysis .....	16.00	2.78	5.24	59.36	8.51	8.11
<b>Roby Grain Company,</b> Roby, Texas.						
Milo Head Chop .....	8.50	2.50	8.00	65.00	.....	.....
Analysis .....	10.10	2.91	5.64	68.06	9.43	3.86
Victory Brand Special Laying Mash .....	18.00	3.50	6.60	52.40	.....	.....
Analysis .....	17.19	4.19	4.53	60.04	8.34	5.71
Analysis .....	16.96	4.19	4.96	56.98	11.00	5.91
Analysis .....	17.21	4.03	4.40	57.60	11.16	5.60
Victory Brand Dairy Feed .....	15.80	3.50	13.50	48.40	.....	.....
Analysis .....	13.86	2.40	14.47	50.86	8.99	9.42
Analysis .....	14.81	3.09	11.36	52.49	9.69	8.56
Victory Brand Chick Starting Mash .....	17.00	3.50	7.00	54.00	.....	.....
Analysis .....	17.43	4.57	4.78	59.01	8.90	5.31
Roby Mixed Feed .....	9.50	2.70	18.50	51.00	.....	.....
Analysis <sup>547</sup> .....	10.92	2.77	15.77	41.21	10.59	18.74
<b>Rodgers, Major H.,</b> Levelland, Texas.						
Ear Corn Chop with Husk .....	8.00	3.00	10.00	65.00	.....	.....
Analysis .....	7.33	3.10	9.93	66.17	9.98	3.49
Ground Hegari Heads, Stalks and Stems .....	7.00	2.00	20.00	55.00	.....	.....
Analysis .....	6.64	2.47	13.22	64.08	5.67	7.92

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>543</sup>Alfalfa meal claimed, not found. Peanut hay found, not claimed. Deficient in ground oyster shell.<sup>544</sup>Rice hulls found, not claimed. Sand present. Grain sorghum screenings and carbonate of lime found, not claimed.<sup>545</sup>Deficient in ground limestone.<sup>546</sup>Cottonseed meal, alfalfa meal and soybean oil meal claimed, not found.<sup>547</sup>Sand and earth present.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Rogers Grain Company, Inc., Houston, Texas.</b>						
Rogers' Ranger Egg Mash.....	19.00	3.50	6.50	47.00	.....	.....
Analysis.....	18.31	6.38	5.21	51.84	9.87	8.39
Rogers' Dairy Feed.....	17.50	3.80	12.00	48.00	.....	.....
Analysis <sup>548</sup> .....	18.54	4.91	8.48	47.19	10.87	10.01
Rogers' Super-Brand Fattener.....	14.50	4.20	5.00	60.00	.....	.....
Analysis.....	14.66	5.95	4.78	59.30	10.63	4.68
<b>Rose City Feed Mill, Tyler, Texas.</b>						
Rose City 24% Protein Dairy Feed.....	24.00	4.50	11.50	39.50	.....	.....
Analysis <sup>549</sup> .....	24.00	5.18	11.06	40.58	9.70	9.48
Rose City 24% Protein Dairy Feed.....	24.00	3.50	11.50	39.00	.....	.....
Analysis.....	24.60	4.40	10.71	40.17	9.33	10.79
<b>Ruhmann Grain &amp; Seed Company, Waco, Texas.</b>						
Radio Brand Egg-Producer Feed.....	19.00	3.80	8.00	47.00	.....	.....
Analysis.....	20.52	4.69	6.49	50.01	10.69	7.60
Analysis <sup>550</sup> .....	19.30	4.65	6.56	50.44	11.83	7.22
Texas Queen Brand Hog Feed.....	15.00	3.50	6.00	53.00	.....	.....
Analysis.....	15.78	3.64	4.65	57.67	10.99	7.27
Radio Brand Chick Starter.....	19.00	3.80	7.00	48.00	.....	.....
Analysis.....	19.28	5.28	5.22	49.90	11.27	9.05
Radio Brand Growing Mash.....	17.00	3.70	8.00	49.50	.....	.....
Analysis.....	18.60	4.68	5.07	52.40	11.20	8.05
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....
Analysis <sup>a</sup> .....	13.15	5.67	9.51	59.38	9.00	3.29
<b>Rule Cotton Oil Mill, Rule, Texas.</b>						
41% Protein Soybean Oil Cake.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	42.29	6.60	5.60	29.65	10.36	5.50
Analysis <sup>b c 551</sup> .....	40.39	7.15	5.85	29.62	11.62	5.37
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	42.15	7.14	6.28	30.57	8.43	5.43
Analysis <sup>c</sup> .....	39.81	8.39	5.94	26.84	13.33	5.69
Analysis.....	42.27	7.40	5.53	31.11	8.26	5.43
Analysis.....	41.65	6.81	6.09	31.74	8.08	5.63
Analysis.....	43.06	6.60	5.89	31.44	7.55	5.46
41% Protein Soybean Oil Pellets.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	42.50	7.44	5.33	29.73	9.39	5.61
Analysis.....	41.76	7.67	5.41	31.99	7.74	5.43
<b>Saint &amp; Company, Inc., Houston, Texas.</b>						
Rice Hulls, Rice Bran, Molasses, Alfalfa Stem Meal, Corn Chop, and Salt.....	6.30	2.60	21.50	43.00	.....	.....
Analysis <sup>552</sup> .....	4.25	1.21	25.63	40.43	13.60	14.88
Analysis <sup>553</sup> .....	5.37	2.26	21.92	40.70	15.88	13.87
Life-Saver Brand Laying Mash.....	20.00	3.70	6.00	45.00	.....	.....
Analysis.....	19.70	3.92	4.14	57.13	8.88	6.23
Ground Peanut Hulls and Molasses.....	6.70	1.10	44.50	32.80	.....	.....
Analysis <sup>554</sup> .....	6.00	1.14	31.76	35.16	12.69	13.25
Life-Saver Brand Hen Scratch.....	10.20	3.00	3.00	70.00	.....	.....
Analysis.....	11.20	2.78	1.77	70.86	12.07	1.32

<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, <sup>d</sup>, <sup>e</sup>, <sup>f</sup>, <sup>g</sup>, <sup>h</sup>, <sup>i</sup>, <sup>j</sup>, <sup>k</sup>. —See legend at the beginning of this table.<sup>548</sup>Excess of ground limestone and salt.<sup>549</sup>Adulterated with rice hulls and peanut hulls. Excess of salt.<sup>550</sup>Deficient in salt.<sup>551</sup>In pellet form.<sup>552</sup>Excess of rice hulls.<sup>553</sup>Carbonate of lime found, not claimed.<sup>554</sup>Sand and earth present.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Saint &amp; Company, Inc.,</b> <b>Houston, Texas—Continued.</b>						
Life-Saver Brand Horse and Mule Feed.....	10.00	3.00	11.00	56.50		
Analysis <sup>555</sup> .....	11.08	3.38	5.91	65.16	10.48	3.99
Life-Saver Brand 16% Protein Dairy Feed....	16.00	3.70	12.00	46.00		
Analysis.....	15.44	4.35	8.43	50.29	14.46	7.03
Life-Saver Brand 18% Protein Dairy Feed....	18.00	4.00	13.00	45.00		
Analysis <sup>556</sup> .....	15.51	4.09	7.09	53.76	11.24	8.31
Analysis <sup>557</sup> .....	14.92	5.32	8.93	48.68	12.43	9.72
Life-Saver Brand Pig and Hog Ration.....	14.50	3.00	6.00	55.00		
Analysis <sup>558</sup> .....	16.20	3.80	5.30	56.42	11.40	6.88
<b>San Antonio Oil Works,</b> <b>San Antonio, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00		
Analysis <sup>b c</sup> .....	41.64	6.13	11.78	27.74	7.34	5.37
Analysis <sup>e</sup> .....	42.00	5.74	10.35	29.20	7.17	5.54
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00		
Analysis.....	42.16	5.16	5.72	31.35	10.01	5.60
<b>San Marcos Oil Mill,</b> <b>San Marcos, Texas.</b>						
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00		
Analysis.....	42.20	5.83	5.68	31.12	9.45	5.72
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00		
Analysis.....	44.80	6.30	10.21	25.15	7.79	5.75
<b>San-Tex Mineral Company,</b> <b>San Angelo, Texas.</b>						
San-Tex Brand Sweet Feed.....	9.00	1.80	32.00	38.50		
Analysis <sup>555</sup> .....	10.81	1.46	22.62	41.70	12.01	11.40
<b>Santos Products Company,</b> <b>Eagle Pass, Texas.</b>						
Wheat Brown Shorts and Screenings.....	16.50	4.50	7.50	53.00		
Analysis.....	16.85	4.28	8.73	52.53	12.14	5.47
Monterrey Dual-Purpose Brand Mixed Feed....	23.00	3.00	9.00	44.00		
Analysis.....	22.42	5.04	9.41	46.03	8.64	8.46
Analysis.....	22.79	4.88	9.04	45.49	8.59	9.21
Analysis <sup>a</sup> .....	21.56	4.77	9.57	46.54	8.86	8.70
Analysis.....	21.82	4.20	7.67	47.32	10.12	8.87
Analysis.....	22.42	5.53	9.66	44.59	8.28	9.52
Monterrey Made Santos Special Mixed Feed...	22.00	3.50	12.00	40.00		
Analysis.....	22.97	4.18	9.93	43.07	10.27	9.58
Analysis.....	22.69	5.13	10.38	42.76	8.88	10.16
<b>Sayers &amp; Son,</b> <b>Houston, Texas.</b>						
Hearty Brand Laying Mash.....	18.00	3.50	7.00	49.00		
Analysis <sup>559</sup> .....	18.05	4.43	5.33	54.19	9.39	8.61
Hearty Brand All-Mash Starting Ration.....	15.50	3.60	6.60	52.00		
Analysis <sup>560</sup> .....	18.40	3.90	5.31	53.77	11.03	7.59
Hearty Brand 16% Protein Dairy Ration.....	16.00	4.00	17.00	42.00		
Analysis <sup>561</sup> .....	16.70	4.28	10.45	47.78	11.78	9.01
<b>Schaub Milling &amp; Grain Company, G. P.,</b> <b>Gatesville, Texas.</b>						
Chowmix Hog Feed Q.....	14.00	3.00	7.00	53.00		
Analysis <sup>a</sup> .....	14.40	3.75	3.05	63.99	11.63	3.18

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

555Deficient in ground oyster shell. Excess of salt.

556Cottonseed meal claimed, not found.

557Only a trace of cottonseed meal found. Sand present. Excess of salt.

558Deficient in ground limestone. Excess of salt.

559Milo or kafir found, not claimed.

560Grain sorghum meal found, not claimed.

561Rice hulls, sorghum screenings and dried citrus pulp found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Schier Bros.,</b> <b>Sealy, Texas.</b>						
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....
Analysis <sup>562</sup> .....	7.06	2.93	11.48	64.93	11.69	1.91
Safe-Way Brand 18% Protein Dairy Feed.....	18.00	3.80	11.00	46.00	.....	.....
Analysis.....	18.66	4.20	8.00	49.84	12.81	6.49
Safe-Way Brand Hog Ration.....	14.00	3.00	5.60	57.00	.....	.....
Analysis.....	14.29	3.34	4.71	60.31	10.88	6.47
Safe-Way Brand Dual Purpose Calf Feed.....	13.80	3.70	10.00	52.50	.....	.....
Analysis <sup>563</sup> .....	13.51	4.55	12.10	50.27	13.00	6.57
Safe-Way Brand Cow Feed.....	15.00	3.80	11.80	50.00	.....	.....
Analysis <sup>564</sup> .....	15.44	4.69	8.23	53.18	12.30	6.16
<b>Schulenburg Oil Mill, The.</b> <b>Schulenburg, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	42.80	7.16	9.18	27.38	8.44	5.04
Analysis <sup>565</sup> .....	40.20	6.66	8.83	29.09	8.88	6.34
Analysis e.....	42.00	7.26	9.35	27.56	8.33	5.50
Analysis.....	43.86	7.60	7.98	26.25	8.76	5.55
Mixed Feed.....	16.00	3.00	7.00	57.00	.....	.....
Analysis <sup>564</sup> .....	17.39	3.60	6.76	55.33	11.30	5.62
Hog and Pig Feed.....	15.00	3.00	8.00	57.00	.....	.....
Analysis.....	17.34	3.35	6.87	58.57	8.55	5.32
<b>Schumacher Oil Works, The H.,</b> <b>Navasota, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....
Analysis.....	44.69	5.63	9.89	25.44	8.04	6.31
Analysis e.....	41.02	6.27	11.07	27.80	7.94	5.90
<b>Schuster Commission Company,</b> <b>El Paso, Texas.</b>						
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....
Analysis <sup>566</sup> .....	17.30	4.70	8.32	54.75	10.20	4.73
<b>Scott Bros. Grain Company,</b> <b>Fort Worth, Texas.</b>						
Pepelo Egg Mash.....	19.00	3.50	8.00	48.00	.....	.....
Analysis.....	20.95	3.83	6.88	49.43	12.10	6.81
Analysis <sup>567</sup> .....	19.08	3.37	4.92	55.93	10.21	6.49
Cackelo Egg Mash.....	18.30	3.50	6.30	47.50	.....	.....
Analysis.....	19.80	4.86	4.59	53.55	9.28	7.92
Analysis.....	21.16	5.09	3.99	49.94	10.65	9.17
Analysis.....	19.96	4.53	4.53	53.68	9.17	8.13
Cackelo Starter.....	17.30	3.50	9.30	52.50	.....	.....
Analysis <sup>568</sup> .....	15.20	4.78	4.62	58.89	9.63	6.88
Cackelo Growing Mash.....	16.40	3.50	6.50	53.30	.....	.....
Analysis <sup>569</sup> .....	16.79	4.00	4.90	57.68	10.30	6.33
Pig Suey.....	20.00	3.50	7.00	47.00	.....	.....
Analysis <sup>570</sup> .....	15.90	3.24	6.15	54.58	13.95	6.18
Dairvelo Dairy Feed.....	18.00	3.00	13.00	44.20	.....	.....
Analysis.....	18.68	3.36	11.02	49.02	9.50	8.42
Analysis <sup>571</sup> .....	18.09	3.37	11.31	49.89	10.71	6.63
Analysis.....	17.12	3.93	11.55	49.30	10.93	7.17

a, b, c, d, e, f, g, h, i, j, k, —See legend at the beginning of this table.

<sup>562</sup>Excess of corn husks.<sup>563</sup>Rice hulls, peanut hay, corn husk and corn cob found, not claimed.<sup>564</sup>Deficient in ground oyster shell.<sup>565</sup>Carbonate of lime found, not claimed. Withdrawn from sale by manufacturer.<sup>566</sup>Wheat mixed feed.<sup>567</sup>Deficient in ground limestone.<sup>568</sup>Excess of salt.<sup>569</sup>Deficient in ground limestone. Excess of salt.<sup>570</sup>Grain sorghum meal found, not claimed.<sup>571</sup>Deficient in ground limestone.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Seagram &amp; Sons, Inc., Joseph E., Louisville, Kentucky.</b>						
Seagram's Distillers' Dried Solubles.....	30.00	5.00	3.00	0.00	.....	.....
Analysis <sup>d1</sup> .....	42.61	1.69	2.71	39.14	7.49	6.36
<b>Sealy Oil Mill &amp; Manufacturing Company, Sealy, Texas.</b>						
43% Protein Pea-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>e</sup> .....	39.47	5.10	12.27	28.92	8.54	5.70
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>e</sup> .....	41.91	5.67	8.92	30.99	6.53	5.98
Analysis <sup>e</sup> .....	41.50	5.09	10.43	28.48	8.27	6.23
Analysis <sup>e</sup> .....	41.80	6.28	11.54	27.32	7.12	5.94
Analysis <sup>e</sup> .....	42.10	5.78	10.11	27.96	8.36	5.69
Analysis.....	43.51	6.20	9.86	26.52	7.87	6.04
<b>Seguin Cotton Oil Company, The, Seguin, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	43.13	6.66	9.33	26.67	8.08	6.13
Analysis.....	42.83	6.59	10.89	25.62	7.69	6.38
45% Protein Peanut Meal.....	45.00	6.00	10.00	23.00	.....	.....
Analysis.....	45.23	8.02	14.48	21.98	5.49	4.80
Analysis <sup>e572</sup> .....	29.60	8.29	12.81	32.05	8.06	9.19
<b>Seguin Milling Company, Seguin, Texas.</b>						
Five X Laying Mash.....	19.00	3.50	8.00	45.50	.....	.....
Analysis.....	16.40	4.35	4.55	57.64	10.17	6.89
Analysis <sup>569 e</sup> .....	15.85	3.47	5.53	56.78	12.08	6.29
Five X Laying Mash.....	18.00	3.50	7.50	46.00	.....	.....
Analysis <sup>573</sup> .....	19.97	4.21	4.78	53.61	10.69	6.74
White House All-Mash Chick Starter.....	17.00	3.80	6.00	50.00	.....	.....
Analysis.....	19.39	3.98	4.58	54.65	10.69	6.71
White House Growing Mash.....	17.00	3.50	6.70	51.50	.....	.....
Analysis <sup>573</sup> .....	17.80	3.50	4.00	58.50	11.28	4.92
Economy Brand Dairy Feed.....	18.00	3.20	11.00	49.00	.....	.....
Analysis.....	21.29	3.52	10.28	46.67	11.99	6.25
Economy Brand Five Laying Mash.....	19.00	4.00	8.00	47.00	.....	.....
Analysis.....	18.32	3.79	5.57	56.27	10.56	5.49
Analysis.....	16.15	4.23	5.21	57.92	10.01	6.48
Analysis.....	17.08	3.52	5.25	55.81	11.62	6.72
Analysis.....	16.75	3.46	5.32	55.78	11.68	7.01
Analysis.....	18.00	3.67	5.40	57.17	9.50	6.26
Analysis <sup>e</sup> .....	18.94	4.21	4.94	54.79	11.65	5.47
Economy Brand Five Laying Mash.....	18.00	3.50	7.50	47.00	.....	.....
Analysis.....	18.48	4.22	4.88	55.83	10.87	5.72
Texas Cowboy Sweet Feed.....	9.00	2.00	14.00	50.00	.....	.....
Analysis.....	11.51	2.76	11.37	52.84	12.18	9.34
International Brand Dairy Feed.....	20.00	3.50	11.00	45.00	.....	.....
Analysis.....	19.64	5.13	9.77	47.36	8.78	9.32
Analysis.....	22.87	5.15	9.23	45.48	8.49	8.78
<b>Seley &amp; Company, James H., Los Angeles, California.</b>						
65% Protein Sardine Meal.....	65.00	5.00	1.00	0.00	.....	.....
Analysis.....	66.09	4.47	.35	7.07	9.06	12.96
<b>Self, Thos., Crockett, Texas.</b>						
Cottonseed Hulls and Cottonseed Meal.....	11.80	1.70	38.00	36.00	.....	.....
Analysis.....	11.49	1.75	38.65	38.35	6.28	3.48

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>569</sup>Deficient in ground limestone. Excess of salt.<sup>572</sup>Contained peanut vine and stems.<sup>573</sup>Deficient in ground oyster shell.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Service Feed Store,</b> <b>Beaumont, Texas.</b>						
U-Lika Brand Dairy Feed.....	19.00	4.00	15.00	40.00	.....	.....
Analysis.....	18.40	4.10	9.99	48.70	11.17	7.64
<b>Serv-Us Feed Mills,</b> <b>Fort Worth, Texas.</b>						
Ground Wheat.....	12.00	2.00	3.00	70.00	.....	.....
Analysis.....	14.04	1.69	2.90	68.08	11.51	1.78
Serv-Us Milo Meal.....	10.00	2.50	3.00	70.00	.....	.....
Analysis.....	10.50	3.27	2.15	69.94	10.50	3.64
<b>Sharp Grain Company,</b> <b>La Porte, Texas.</b>						
Sharp's Big 11 Laying Mash.....	19.00	3.80	6.50	46.00	.....	.....
Analysis.....	20.30	4.12	5.09	50.33	11.94	8.22
Sharp's Special Broiler Mash.....	17.50	3.60	6.00	50.00	.....	.....
Analysis.....	18.10	3.77	5.23	53.88	11.74	7.28
<b>Shawnee Milling Company,</b> <b>Shawnee, Oklaoma.</b>						
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00	.....	.....
Analysis.....	14.70	3.29	5.13	59.22	11.50	6.16
Worthmore Brand Horse and Mule Feed.....	9.00	3.50	8.00	54.00	.....	.....
Analysis.....	10.03	3.91	5.32	66.55	11.70	2.49
Climax Growing Mash.....	16.50	4.00	6.00	54.00	.....	.....
Analysis <sup>574</sup> .....	16.56	3.19	7.18	57.82	9.49	5.76
Biddy Hen Feed.....	9.50	3.00	3.50	69.00	.....	.....
Analysis <sup>575</sup> .....	13.80	1.85	2.38	68.43	11.65	1.89
Red Ball Dairy Feed.....	15.00	3.00	14.50	49.00	.....	.....
Analysis.....	15.73	3.42	12.71	51.99	9.73	6.42
Analysis <sup>576</sup> .....	17.83	4.04	14.46	46.10	8.51	9.06
Climax Egg Mash.....	19.00	4.00	7.00	51.00	.....	.....
Analysis.....	19.68	3.32	8.12	53.54	8.64	6.70
Analysis <sup>577</sup> .....	18.05	3.91	6.92	52.23	11.10	7.79
Analysis.....	17.56	4.02	7.17	51.99	10.99	8.27
Analysis <sup>577</sup> .....	17.71	3.16	6.94	54.85	10.71	6.63
Analysis.....	19.30	3.19	7.30	53.57	9.56	7.08
More-Muk Brand 16% Protein Dairy Feed.....	16.00	3.50	12.00	46.00	.....	.....
Analysis.....	15.60	4.52	12.52	50.56	9.53	7.27
Shawnee Laying Mash.....	18.00	4.00	8.00	47.00	.....	.....
Analysis <sup>578</sup> .....	18.60	3.82	8.36	52.49	9.47	7.26
Analysis.....	17.70	3.06	7.44	53.78	10.81	7.21
Analysis.....	18.80	4.19	8.92	49.42	11.39	7.28
Climax All-Mash Starting and Growing Ration.....	17.00	4.00	6.00	55.00	.....	.....
Analysis <sup>578</sup> .....	17.06	4.28	5.72	54.81	11.36	6.77
Analysis <sup>578</sup> .....	17.70	4.27	6.94	53.60	11.17	6.32
Climax 36% Protein Concentrate for Hogs.....	36.00	4.50	8.50	20.00	.....	.....
Analysis.....	34.78	5.58	8.96	27.71	7.92	15.05
Analysis <sup>579</sup> .....	36.10	5.33	9.39	25.38	7.97	15.83
Mis-Lou Dairy Feed.....	16.00	3.00	14.50	49.00	.....	.....
Analysis.....	16.70	2.77	12.89	49.82	10.68	7.14
<b>Shiner Oil Mill &amp; Manufacturing Company,</b> <b>Shiner, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....
Analysis <sup>7</sup> .....	44.25	7.04	8.64	27.35	7.17	5.55
Analysis.....	46.71	6.94	7.51	25.05	8.11	5.68
Analysis.....	44.99	7.45	7.97	25.57	8.54	5.48

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

574Deficient in ground limestone and salt.

575Corn chop and sunflower seed claimed, not found.

576Deficient in ground limestone. Excess of salt.

577Deficient in ground limestone.

578Deficient in ground limestone.

579Excess of ground limestone.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Simpson Electric Hatchery,</b> <b>Coleman, Texas.</b>						
Paycheck Brand Laying Mash.....	19.00	3.50	8.00	45.00	.....	.....
Analysis.....	19.25	3.15	6.11	54.85	9.14	7.50
Analysis.....	18.95	3.73	6.43	53.16	9.55	8.18
Analysis.....	19.08	3.63	6.89	50.74	10.70	8.96
Paycheck Brand Growing Mash.....	17.00	3.50	7.00	47.50	.....	.....
Analysis.....	19.08	3.26	6.45	54.03	9.82	7.36
<b>Smith's Hatchery &amp; Feed Store,</b> <b>El Paso, Texas.</b>						
Red Star Starter Mash.....	17.50	3.50	6.00	51.00	.....	.....
Analysis.....	21.16	4.70	5.54	49.80	11.00	7.80
Red Star Growing Mash.....	18.50	3.60	5.00	49.00	.....	.....
Analysis <sup>580</sup> .....	18.55	4.35	5.80	53.21	10.62	7.47
Red Star Egg Mash.....	18.00	3.50	7.00	47.00	.....	.....
Analysis <sup>7</sup> .....	19.40	4.50	5.35	54.14	8.86	7.75
Blue Star Dairy Feed.....	17.00	3.60	8.50	52.00	.....	.....
Analysis.....	15.20	3.10	5.39	57.96	11.20	7.15
Red Star Broiler Mash.....	17.00	3.50	5.00	52.00	.....	.....
Analysis.....	19.86	4.87	5.00	52.75	10.31	7.21
Analysis.....	21.57	4.48	5.10	51.47	10.02	7.36
Analysis.....	22.64	4.76	5.19	50.96	9.59	6.86
Smith's 4 Star Egg Mash.....	19.50	3.50	7.00	50.00	.....	.....
Analysis <sup>8</sup> .....	16.75	3.87	5.98	55.60	10.59	7.21
18% Protein Dairy Feed.....	18.00	3.20	8.00	54.00	.....	.....
Analysis.....	16.31	2.72	5.57	57.09	10.17	8.14
Analysis <sup>581</sup> .....	19.38	4.24	11.18	49.88	8.25	7.07
Red Star Egg Mash Pellets.....	18.00	3.50	7.00	47.00	.....	.....
Analysis <sup>8</sup> .....	20.55	4.75	6.01	49.64	10.74	8.31
All-N-One Brand Hog Feed.....	17.00	3.00	8.00	53.50	.....	.....
Analysis <sup>582</sup> .....	17.29	2.78	5.89	58.94	10.19	4.91
Analysis.....	14.75	2.57	5.10	62.91	8.98	5.69
<b>Southern Cotton Oil Company, The,</b> <b>Eunice, Louisiana.</b>						
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>c</sup> .....	40.27	5.90	11.73	26.38	9.78	5.94
<b>Southern Cotton Oil Company, The,</b> <b>Newport, Arkansas.</b>						
Scoco Brand 41% Protein Cottonseed Meal...	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>a</sup> .....	41.26	5.09	12.69	27.58	7.27	6.11
<b>Southern Warehouse Company,</b> <b>El Paso, Texas.</b>						
43% Protein Peanut Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>d a</sup> .....	39.58	9.44	8.36	28.83	5.37	8.42
<b>Southland Cotton Oil Company,</b> <b>Corsicana, Texas.</b>						
34% Protein Linseed Meal.....	34.00	6.00	9.00	35.00	.....	.....
Analysis <sup>e</sup> .....	31.46	8.66	9.65	34.50	9.08	6.65
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....
Analysis <sup>e</sup> .....	41.80	6.03	11.66	28.12	6.90	5.49
Analysis <sup>e</sup> .....	42.09	5.97	11.17	27.90	7.29	5.58
Analysis <sup>e</sup> .....	41.60	5.77	11.29	28.58	7.20	5.56
Analysis.....	43.95	6.04	10.23	26.90	7.27	5.61
Analysis.....	42.51	5.97	11.26	27.66	7.08	5.52
Analysis.....	43.83	6.09	11.52	25.86	7.05	5.65
Analysis.....	43.04	6.11	11.72	25.83	7.64	5.66
Analysis.....	42.75	5.65	11.39	27.09	7.53	5.59

<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, <sup>d</sup>, <sup>e</sup>, <sup>f</sup>, <sup>g</sup>, <sup>h</sup>, <sup>i</sup>, <sup>j</sup>, <sup>k</sup>. —See legend at the beginning of this table.<sup>580</sup>Salt added, not claimed.<sup>581</sup>Alfalfa meal found, not claimed.<sup>582</sup>Excess of salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Southland Cotton Oil Company,</b> <b>Corsicana, Texas—Continued.</b>						
43% Protein Screened Cracked Cottonseed Cake	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....
Analysis.....	44.76	5.39	10.34	26.79	6.97	5.75
Analysis.....	43.35	5.46	10.58	27.37	7.58	5.66
<b>Southland Cotton Oil Company,</b> <b>Oklahoma City, Oklahoma.</b>						
41% Protein Soybean Oil Meal.....	<i>41.00</i>	<i>4.50</i>	<i>7.00</i>	<i>29.00</i>	.....	.....
Analysis <sup>583</sup> .....	44.51	4.98	6.16	28.83	9.75	5.77
41% Protein Soybean Oil Cake.....	<i>41.00</i>	<i>4.50</i>	<i>7.00</i>	<i>29.00</i>	.....	.....
Analysis.....	44.96	6.97	5.95	28.04	8.47	5.61
<b>Southland Cotton Oil Company,</b> <b>Paris, Texas.</b>						
Southland's 41% Protein Soybean Oil Meal....	<i>41.00</i>	<i>4.70</i>	<i>7.00</i>	<i>29.00</i>	.....	.....
Analysis.....	43.26	4.82	5.43	31.75	8.99	5.75
Southland's 43% Protein Cottonseed Meal....	<i>43.00</i>	<i>5.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....
Analysis <sup>c</sup> .....	41.59	5.58	11.30	26.95	8.53	6.05
Analysis <sup>c</sup> .....	41.32	6.17	11.84	26.67	8.17	5.83
Analysis <sup>c</sup> .....	42.20	5.49	11.13	26.96	8.42	5.80
Analysis <sup>c</sup> .....	42.26	5.87	11.28	26.99	7.70	5.90
Southland's 43% Protein Screened Cracked Cottonseed Cake.....	<i>43.00</i>	<i>5.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....
Analysis.....	44.07	5.43	9.92	27.07	7.29	6.22
<b>Southland Cotton Oil Company,</b> <b>Shreveport, Louisiana.</b>						
41% Protein Cottonseed Meal.....	<i>41.00</i>	<i>5.00</i>	<i>12.00</i>	<i>25.00</i>	.....	.....
Analysis.....	41.47	6.06	11.51	28.02	7.15	5.79
Analysis <sup>c</sup> .....	40.07	5.93	12.25	27.84	8.36	5.55
Analysis <sup>c</sup> .....	38.58	7.18	13.05	28.21	7.55	5.43
Analysis <sup>c</sup> .....	42.29	5.90	10.41	27.06	8.44	5.90
Analysis.....	41.23	6.56	11.26	27.27	7.80	5.88
Analysis <sup>c</sup> .....	40.39	6.19	10.94	27.56	9.19	5.73
Analysis.....	41.70	6.14	10.46	27.52	8.50	5.68
<b>Southland Cotton Oil Company,</b> <b>Temple, Texas.</b>						
Southland's Circle-S 43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>23.00</i>	.....	.....
Analysis <sup>b</sup> .....	41.60	6.77	11.83	26.73	7.45	5.62
Analysis.....	43.16	5.61	12.10	27.01	6.38	5.74
Analysis.....	43.92	5.82	10.09	27.07	7.41	5.69
Analysis <sup>c</sup> .....	40.96	5.75	11.75	26.78	9.52	5.24
Analysis.....	44.85	5.76	10.28	25.69	7.69	5.73
Analysis.....	42.65	5.98	11.08	26.91	7.88	5.50
Southland's Mixed Feed.....	<i>11.80</i>	<i>1.70</i>	<i>38.00</i>	<i>36.00</i>	.....	.....
Analysis.....	9.87	1.70	37.89	39.32	7.94	3.28
Analysis.....	9.35	1.23	37.45	41.54	7.34	3.09
Analysis.....	9.32	1.47	35.58	40.59	10.15	2.89
Southland's 16.50% Protein Readimix.....	<i>16.50</i>	<i>2.00</i>	<i>27.00</i>	<i>34.30</i>	.....	.....
Analysis <sup>584</sup> .....	17.41	2.36	26.80	36.83	10.09	6.51
<b>Southland Cotton Oil Company,</b> <b>Waxahachie, Texas.</b>						
43% Protein Cottonseed Pellets.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....
Analysis <sup>c</sup> .....	41.30	5.64	11.34	27.00	8.87	5.85
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....
Analysis.....	45.55	5.24	10.19	25.80	7.57	5.65
Analysis.....	44.20	5.21	10.81	27.42	6.69	5.67

<sup>a, b, c, d, e, f, g, h, i, j, k.</sup>—See legend at the beginning of this table.<sup>583</sup>Defaced tags attached.<sup>584</sup>Deficient in ground oyster shell. Excess of salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Southland Cotton Oil Company, Waxahachie, Texas—Continued.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....
Analysis <sup>a</sup> .....	41.07	5.97	11.51	28.28	7.19	5.98
Analysis.....	42.60	5.35	12.29	27.70	6.16	5.90
Analysis <sup>585</sup> .....	41.84	5.42	10.50	28.80	7.42	6.02
Analysis.....	44.13	5.68	10.91	26.29	7.22	5.77
Analysis <sup>586</sup> .....	41.96	6.03	12.36	26.82	7.03	5.80
Analysis <sup>c</sup> .....	41.87	5.58	11.97	27.28	8.02	5.28
Analysis <sup>c</sup> .....	42.16	5.36	11.95	28.38	6.90	5.25
Analysis.....	42.86	7.90	10.03	25.79	7.90	5.52
Analysis.....	43.35	5.43	10.52	25.67	9.52	5.51
Analysis.....	44.45	5.36	9.09	27.81	7.40	5.89
Analysis.....	43.14	5.97	10.83	26.69	7.94	5.43
Analysis.....	43.04	5.44	11.22	26.53	7.86	5.91
Analysis.....	41.08	5.80	11.92	28.08	7.43	5.69
Analysis.....	41.33	5.80	12.73	27.32	7.18	5.64
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00	.....	.....
Analysis <sup>a</sup> .....	43.30	6.79	6.00	30.95	7.22	5.74
Analysis.....	43.63	5.91	5.98	30.38	8.09	6.01
Southland's 16% Protein Range Feed Pellets.....	16.00	3.00	7.00	56.00	.....	.....
Analysis.....	15.70	3.61	8.33	57.53	9.99	4.84
Analysis <sup>587</sup> .....	16.29	3.55	9.67	57.12	8.48	4.89
Little Squaw Brand Cow Feed.....	12.00	1.70	17.40	44.00	.....	.....
Analysis <sup>584</sup> .....	12.61	2.86	15.17	46.84	11.46	11.06
Analysis.....	12.89	2.35	20.79	41.91	9.93	12.13
Economix Brand 16% Protein Dairy Feed.....	16.00	3.00	10.50	48.50	.....	.....
Analysis <sup>588</sup> .....	17.62	3.17	8.50	52.43	11.81	6.47
Analysis <sup>589</sup> .....	16.76	3.49	11.51	49.40	9.90	8.94
Analysis.....	16.68	3.08	11.03	50.87	10.62	7.72
Analysis <sup>584</sup> .....	15.96	3.53	12.19	50.38	10.95	6.99
Analysis.....	16.22	3.23	13.67	47.90	10.20	8.78
Southland's Choice 18% Protein Range Feed Pellets.....	18.00	3.00	9.00	52.00	.....	.....
Analysis.....	18.12	3.03	6.38	54.54	12.84	5.09
Analysis.....	19.34	3.29	6.50	52.11	13.60	5.16
Southland's Choice 18% Protein Dairy Feed.....	18.00	3.00	10.00	50.00	.....	.....
Analysis.....	19.60	3.53	10.75	49.50	9.73	6.89
Southland's Choice 20% Protein Laying Mash.....	20.00	3.50	7.50	47.00	.....	.....
Analysis.....	21.00	4.18	6.08	49.06	11.15	8.53
Southland's Choice 18% Protein Growing Mash.....	18.00	3.50	7.00	51.00	.....	.....
Analysis.....	20.43	4.30	5.69	52.36	9.20	8.02
Southland's Choice 40% Protein Supplement for Hogs.....	40.00	3.00	12.00	21.00	.....	.....
Analysis.....	40.37	4.55	9.59	21.91	8.44	15.14
Southland's Economix Brand Hog Feed.....	17.50	6.20	11.50	42.00	.....	.....
Analysis <sup>590</sup> .....	17.55	8.17	9.70	42.97	9.13	12.48
Analysis.....	18.15	8.08	9.60	41.08	10.11	12.98
Analysis <sup>591</sup> .....	17.50	5.32	7.18	50.68	10.54	8.78
Analysis.....	18.10	5.44	7.58	50.06	9.73	9.09
<b>South Texas Cotton Oil Company, Austin, Texas.</b>						
41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>c</sup> .....	40.21	4.86	12.95	27.84	8.53	5.61
Analysis.....	41.15	5.06	12.12	28.75	7.39	5.53

<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, <sup>d</sup>, <sup>e</sup>, <sup>f</sup>, <sup>g</sup>, <sup>h</sup>, <sup>i</sup>, <sup>j</sup>, <sup>k</sup>. —See legend at the beginning of this table.<sup>584</sup>Deficient in ground oyster shell. Excess of salt.<sup>585</sup>Twelve and seven-tenths tons removed from sale and relabeled 41% Protein Cottonseed Meal.<sup>586</sup>Excess cottonseed hulls.<sup>587</sup>Excess of salt.<sup>588</sup>Deficient in ground oyster shell.<sup>589</sup>Rice hulls found, not claimed.<sup>590</sup>Deficient in salt. Excess of ground oyster shell.<sup>591</sup>Whole wheat and ground wheat found, not claimed.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>South Texas Cotton Oil Company, Austin, Texas—Continued.</b>						
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>e</sup> .....	39.55	6.51	13.68	27.74	7.33	5.19
Analysis.....	41.52	6.89	11.70	26.05	7.97	5.87
Analysis.....	41.64	6.48	11.50	27.64	7.44	5.30
<b>South Texas Cotton Oil Company, Brownsville, Texas.</b>						
28% Protein Ground Whole-Pressed Cottonseed	28.00	5.00	23.00	29.00	.....	.....
Analysis.....	28.03	4.23	22.95	35.42	4.25	5.12
Analysis.....	28.14	5.09	22.55	34.24	5.69	4.29
<b>South Texas Cotton Oil Company, Corpus Christi, Texas.</b>						
41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	41.37	5.55	10.90	27.95	8.61	5.62
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	41.02	5.43	11.88	29.89	6.69	5.09
Analysis.....	41.85	5.50	11.16	27.28	8.54	5.67
Analysis.....	40.71	5.52	12.12	28.59	7.81	5.25
41% Protein Cottonseed Pellets.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	41.19	5.43	11.93	28.53	7.45	5.47
Analysis <sup>e</sup> .....	39.95	5.36	12.28	28.73	8.49	5.19
<b>South Texas Cotton Oil Company, Harlingen, Texas.</b>						
28% Protein Ground Whole-Pressed Cottonseed	28.00	5.00	23.00	29.00	.....	.....
Analysis <sup>e</sup> .....	27.44	4.46	22.17	34.81	6.32	4.80
41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>5592</sup> <sup>e</sup> .....	40.30	5.55	11.92	27.97	8.53	5.73
Analysis <sup>e</sup> .....	39.97	5.32	11.77	30.13	7.97	4.84
Analysis <sup>e</sup> .....	38.98	5.34	12.33	29.41	8.15	5.79
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>e</sup> .....	40.29	6.89	11.01	27.79	8.29	5.73
Analysis.....	41.51	6.19	10.24	28.75	7.35	5.96
Analysis <sup>e</sup> .....	39.14	5.27	12.10	28.97	8.90	5.62
Analysis <sup>e</sup> .....	38.80	6.48	11.92	29.63	7.58	5.59
Analysis.....	41.10	6.44	10.06	28.80	7.95	5.65
Analysis <sup>e</sup> .....	40.43	6.88	11.29	27.63	8.08	5.69
Analysis <sup>e</sup> .....	40.15	6.59	11.05	29.22	7.47	5.52
Analysis.....	42.64	6.40	10.74	27.19	7.29	5.74
<b>South Texas Cotton Oil Company, Hearne, Texas.</b>						
41% Protein Cracked Cottonseed Cake.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	40.50	5.23	11.18	29.22	8.14	5.73
Analysis.....	41.41	5.37	11.31	29.17	7.02	5.72
Analysis.....	41.50	5.16	11.69	27.01	8.94	5.70
Analysis.....	41.01	5.73	11.90	27.57	8.10	5.69
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	42.19	5.87	10.12	28.43	7.62	5.77
Analysis.....	41.63	5.47	11.53	27.73	7.58	6.06
Analysis.....	40.73	5.91	11.25	28.93	7.45	5.73
Analysis <sup>e</sup> .....	39.94	5.93	11.63	28.70	8.27	5.53
Analysis.....	41.02	5.65	12.05	27.63	7.77	5.88
Analysis.....	40.60	5.75	11.81	27.41	8.54	5.89
<b>South Texas Cotton Oil Company, Robstown, Texas.</b>						
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	42.00	6.03	11.27	27.69	7.58	5.43
Analysis <sup>e</sup> .....	39.95	6.06	11.35	28.46	8.78	5.40
Analysis.....	40.74	5.92	11.86	28.76	7.60	5.12
Analysis.....	41.25	6.07	11.64	26.94	8.76	5.34

a, b, c, d, e, f, g, h, i, j, k, —See legend at the beginning of this table.

592Incorrectly printed tags attached.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>South Texas Cotton Oil Company,</b> <b>Taylor, Texas.</b>						
41% Protein Cottonseed Pellets.....	41.00	5.00	12.00	25.00		
Analysis.....	41.13	5.65	11.43	27.57	8.93	5.29
Analysis <sup>593</sup> .....	41.16	6.04	12.95	26.94	7.46	5.45
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00		
Analysis.....	41.72	5.72	11.79	27.87	7.71	5.19
Analysis <sup>e</sup> .....	39.05	5.18	13.73	29.25	7.58	5.21
Analysis.....	42.27	6.32	11.25	27.60	7.06	5.50
41% Protein Cracked Soybean Oil Cake.....	41.00	5.00	6.00	28.00		
Analysis.....	44.56	6.63	5.69	30.33	7.19	5.60
<b>South Texas Cotton Oil Company,</b> <b>Victoria, Texas.</b>						
Yello Brand 41% Protein Cottonseed Meal....	41.00	5.00	12.00	25.00		
Analysis <sup>593</sup> .....	39.31	6.70	12.65	28.64	7.28	5.42
Analysis.....	41.00	6.98	12.14	26.65	7.52	5.71
Yello Brand 41% Protein Cottonseed Pellets....	41.00	5.00	12.00	25.00		
Analysis <sup>e</sup> .....	40.41	6.48	11.67	26.61	9.18	5.65
34% Protein Linseed Meal.....	34.00	6.00	9.00	35.00		
Analysis <sup>e</sup> .....	33.00	6.45	9.40	38.11	7.26	5.78
Analysis <sup>e</sup> .....	33.39	6.53	10.21	37.06	6.85	5.96
Analysis.....	35.55	6.35	8.85	36.36	7.26	5.63
<b>South Texas Feed Company,</b> <b>Houston, Texas.</b>						
Uncle Johnny's Egaday Brand Starter Mash...	19.30	4.00	6.70	49.00		
Analysis <sup>j</sup> .....	19.36	3.95	5.16	54.15	10.46	6.92
Uncle Johnny's Egaday Brand Growing Mash...	16.00	3.50	7.50	52.00		
Analysis <sup>j</sup> .....	18.88	4.14	5.01	57.87	9.03	5.07
Analysis <sup>j</sup> .....	17.98	3.70	4.97	57.54	10.49	5.32
Satisfaction Brand Laying Mash.....	18.00	3.50	7.00	51.00		
Analysis <sup>j</sup> .....	19.70	4.07	6.20	54.62	9.58	5.83
Uncle Johnny's Egaday Brand Broiler Mash....	18.00	3.80	6.50	50.50		
Analysis <sup>j</sup> .....	18.69	3.84	5.32	55.87	10.46	5.82
Satisfaction Brand Sweet Feed.....	10.00	2.50	9.50	62.00		
Analysis <sup>594</sup> .....	11.87	2.66	19.20	48.02	12.87	5.38
Analysis <sup>595</sup> .....	11.66	2.25	20.07	49.08	11.04	5.90
Victory Brand 18% Protein Dairy Feed.....	18.00	3.60	13.00	44.80		
Analysis <sup>596</sup> .....	19.39	3.57	8.46	52.46	9.80	6.32
<b>Southwestern Rice Mills, Inc.,</b> <b>Galveston, Texas.</b>						
Rice Polishings containing Limestone.....	11.00	6.00	4.00	55.00		
Analysis.....	11.83	10.84	4.02	57.19	10.22	5.90
<b>Spears, O. J.,</b> <b>Houston, Texas.</b>						
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00		
Analysis <sup>d</sup> .....	7.90	3.41	8.78	67.56	10.98	1.37
Analysis <sup>d</sup> .....	8.21	3.24	9.64	65.98	11.22	1.71
<b>Staffel Company, Ferd,</b> <b>San Antonio, Texas.</b>						
Omala Mixed Feed.....	9.00	2.80	9.00	55.00		
Analysis <sup>597</sup> .....	10.80	5.60	6.27	58.33	12.16	6.84
Staffel's Laying Mash.....	21.40	4.00	6.50	46.20		
Analysis <sup>d</sup> .....	19.80	4.13	4.48	51.53	11.33	8.73

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

593Excess cottonseed hulls.

594Adulterated with peanut hulls. Deficient in wheat bran.

595Adulterated with peanut hulls. Alfalfa meal found, not claimed.

596Rice bran claimed, not found. Coconut oil meal found, not claimed.

597Excess of salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Staffel Company, Ferd, San Antonio, Texas—Continued.</b>						
Staffel's Chick Starter.....	17.00	3.90	6.50	53.30	.....	.....
Analysis <sup>598</sup> .....	16.50	4.75	5.12	56.40	11.50	5.73
Analysis.....	17.00	4.02	4.10	58.20	10.24	6.44
Pendleton Laying Mash.....	18.00	3.50	6.00	49.50	.....	.....
Analysis <sup>4597</sup> .....	20.13	3.96	3.95	51.54	10.16	10.26
Analysis.....	20.99	4.03	3.48	51.74	10.10	9.66
Staffel's 32% Protein Concentrate for Poultry..	32.00	4.00	6.50	28.00	.....	.....
Analysis.....	31.89	8.18	3.04	32.47	9.02	15.40
Staffel's Growing Mash.....	18.00	3.50	6.00	50.00	.....	.....
Analysis <sup>d</sup> .....	19.56	4.57	5.03	51.08	10.49	9.27
Staffel's Start-to-Finish Broiler Mash.....	16.70	3.70	5.40	52.40	.....	.....
Analysis.....	17.70	4.89	4.38	54.63	10.30	8.10
Analysis.....	16.44	3.87	3.16	58.48	10.92	7.13
Staffel's 18% Protein Dairy Feed.....	18.00	4.00	11.00	49.00	.....	.....
Analysis <sup>6599</sup> .....	20.05	4.08	7.34	51.86	10.47	6.20
Staffel's 18% Protein Dairy Feed.....	18.00	3.50	8.50	46.50	.....	.....
Analysis <sup>597</sup> .....	21.88	5.47	7.12	48.01	11.33	6.19
Staffel's Pig Feed.....	15.50	3.00	6.00	57.00	.....	.....
Analysis <sup>d</sup> .....	17.51	4.61	4.72	56.33	10.49	6.34
<b>Staley Manufacturing Company, A. E., Decatur, Illinois.</b>						
Staley's Corn Gluten Feed.....	23.00	1.50	8.00	42.00	.....	.....
Analysis.....	26.19	4.23	7.64	44.53	9.78	7.63
Analysis <sup>600</sup> .....	27.80	3.12	6.63	43.27	10.73	8.45
Analysis <sup>600</sup> .....	26.37	2.01	7.15	44.37	10.63	9.47
Staley's 37% Protein Pellets.....	37.00	3.30	7.00	31.00	.....	.....
Analysis.....	42.21	4.11	5.23	33.39	8.70	6.36
<b>Staley Milling Company, Kansas City, Missouri.</b>						
Four Belts Scratch Feed.....	11.00	2.00	3.50	69.50	.....	.....
Analysis.....	9.05	4.02	2.12	69.73	13.50	1.58
Four Belts 18% Protein Egg-Producer.....	18.00	3.50	8.00	48.00	.....	.....
Analysis.....	16.15	4.14	5.25	58.28	9.83	6.35
Reserve 15% Protein Dairy Feed.....	15.00	3.00	10.00	50.00	.....	.....
Analysis.....	15.20	5.14	6.54	52.48	13.06	7.58
18% Protein Dairy Feed.....	18.00	3.00	10.00	46.00	.....	.....
Analysis.....	18.08	4.18	6.74	53.75	11.11	6.14
Record Brand Chick All-Mash.....	15.00	3.50	6.50	50.00	.....	.....
Analysis.....	14.56	3.78	5.65	58.00	11.65	6.36
<b>Stamford Cotton Oil Mill, Stamford, Texas.</b>						
Chuck Wagon Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	43.25	6.34	11.10	26.37	7.41	5.53
Chuck Wagon Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>e</sup> .....	41.23	5.85	12.34	27.79	6.99	5.80
Chuck Wagon Brand 43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	42.80	5.94	10.49	27.42	7.69	5.66
Analysis <sup>e</sup> .....	40.98	6.84	12.20	26.37	8.14	5.47
<b>Stamford Mill &amp; Elevator Company, Stamford, Texas.</b>						
Number Five Egg Laying Mash.....	18.00	3.50	7.00	48.00	.....	.....
Analysis.....	18.60	3.89	4.72	54.50	9.81	8.48
Analysis.....	18.71	4.01	5.45	52.70	10.90	8.23

a, b, c, d, e, f, g, h, i, j, k, —See legend at the beginning of this table.

<sup>597</sup>Excess of salt.<sup>598</sup>Deficient in ground oyster shell.<sup>599</sup>Excess of ground limestone.<sup>600</sup>Salt added, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Stamford Mill &amp; Elevator Company, Stamford, Texas—Continued.</b>						
Our Best Brand Starter Mash.....	18.50	3.80	6.00	50.00	.....	.....
Analysis.....	17.97	3.86	4.79	55.03	10.93	7.42
Analysis <sup>601</sup> .....	19.21	4.33	5.30	56.20	8.69	6.27
Our Best Brand Laying Mash.....	19.50	3.70	6.00	47.00	.....	.....
Analysis.....	19.40	3.82	5.55	54.53	8.98	7.72
Analysis <sup>602</sup> .....	17.46	4.23	4.61	55.84	11.58	6.28
Analysis.....	16.85	3.89	4.61	57.09	11.53	6.03
Analysis.....	19.49	4.14	5.09	55.18	8.86	7.24
Our Best Brand Growing Mash.....	17.00	3.60	6.00	52.00	.....	.....
Analysis.....	17.39	3.30	4.80	58.93	9.43	6.15
Miti-Good Brand Laying Mash.....	18.00	3.50	7.20	48.00	.....	.....
Analysis.....	18.63	3.88	5.32	53.67	10.05	8.45
Analysis <sup>602</sup> .....	20.70	3.56	4.57	51.61	9.77	9.79
Monarch Milk-Maker.....	17.50	4.00	9.00	50.00	.....	.....
Analysis <sup>602</sup> .....	18.65	4.05	5.87	54.14	11.53	5.76
Analysis <sup>602</sup> .....	17.30	4.14	6.14	54.23	11.72	6.47
Analysis.....	19.76	4.22	6.16	53.37	10.33	6.16
<b>Standard-Tilton Division, Russell-Miller Milling Co., Dallas, Texas.</b>						
American Beauty Wheat Gray Shorts and Screenings.....	16.00	4.00	6.00	55.00	.....	.....
Analysis <sup>k</sup> .....	15.80	3.19	4.29	61.16	12.13	3.43
Analysis.....	16.34	3.64	4.40	60.74	11.69	3.19
Analysis <sup>k</sup> .....	16.47	3.52	4.72	60.82	10.87	3.60
Analysis.....	16.89	3.59	5.33	58.83	11.53	3.83
Milo Hominy Feed.....	9.00	7.00	3.00	65.00	.....	.....
Analysis <sup>a</sup> .....	11.35	4.27	5.39	64.13	10.52	4.34
<b>Standard Milling Company, Chicago, Illinois, and Branches.</b>						
Red Turkey Wheat Gray Shorts and Screenings.....	16.00	3.70	6.00	55.00	.....	.....
Analysis <sup>a</sup> .....	17.45	3.77	5.45	59.08	10.13	4.12
<b>Standard Milling Company, The, Lubbock, Texas.</b>						
Stanton's Domino Horse and Mule Feed Cubes.....	10.00	2.00	5.50	61.00	.....	.....
Analysis.....	12.75	2.73	4.30	64.57	9.61	6.04
Stanton's Chick Starter.....	18.00	3.50	6.00	51.00	.....	.....
Analysis.....	19.40	3.45	5.32	53.88	10.48	7.47
Stanton's Liberty Cubes.....	12.00	2.50	6.50	59.00	.....	.....
Analysis <sup>603</sup> .....	12.03	2.85	3.85	64.78	11.60	4.89
Stanton's Big S Egg Mash.....	18.00	3.50	7.00	50.00	.....	.....
Analysis <sup>604</sup> .....	18.02	3.76	5.79	54.79	10.05	7.59
Analysis.....	18.17	4.18	4.78	54.64	11.03	7.20
Stanton's Laying Mash Pellets.....	19.00	3.50	5.50	47.00	.....	.....
Analysis.....	20.85	5.66	5.07	49.88	8.64	9.90
Stanton's Egg-Getter Egg Mash.....	18.00	3.50	7.80	50.40	.....	.....
Analysis.....	19.84	4.31	6.26	51.02	9.23	9.34
Stanton's Red Star Sweet Feed.....	9.00	1.40	19.00	49.50	.....	.....
Analysis.....	10.56	2.04	11.36	56.72	9.49	9.83
Stanton's Laying Mash.....	19.00	3.50	5.50	47.00	.....	.....
Analysis.....	18.55	3.52	5.96	54.25	10.03	7.69
Analysis.....	19.00	4.67	5.17	50.40	11.50	9.26
Analysis.....	20.22	3.78	5.77	51.11	10.38	8.74
Stanton's All-Mash Chick Starter.....	16.00	3.50	7.00	51.00	.....	.....
Analysis.....	16.72	4.65	6.45	55.73	10.40	6.05
Stanton's Capitol Cubes.....	16.00	2.60	9.00	51.70	.....	.....
Analysis <sup>605</sup> .....	17.50	3.28	5.36	56.75	11.27	5.84

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>601</sup>Deficient in salt. Excess of ground oyster shell.<sup>602</sup>Deficient in ground oyster shell.<sup>603</sup>Deficient in ground limestone.<sup>604</sup>Linseed meal found, not claimed.<sup>605</sup>Excess of ground limestone.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent				
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture Ash
<b>Standard Milling Company, The, Lubbock, Texas—Continued.</b>					
Stanton's Sweetmix Feed.....	12.00	2.00	14.00	49.00	.....
Analysis.....	11.11	2.02	9.61	59.26	10.41 7.59
Analysis.....	13.12	2.40	10.23	54.30	9.46 10.49
Stanton's 16% Protein Sweet Feed.....	16.00	2.50	18.00	44.00	.....
Analysis <sup>a606</sup> .....	15.60	2.46	9.83	52.59	11.58 7.94
Analysis <sup>a</sup> .....	12.90	2.55	10.49	55.24	11.55 7.27
Analysis.....	15.50	2.70	10.07	50.80	11.56 9.37
Analysis <sup>k</sup> .....	15.40	2.44	8.82	51.18	13.54 8.62
Analysis.....	15.06	2.22	10.44	52.38	11.24 8.66
Stanton's Milk-Producer.....	18.00	3.00	12.00	48.00	.....
Analysis <sup>j</sup> .....	17.78	3.26	8.69	52.36	10.48 7.43
Analysis.....	16.00	3.08	8.80	59.10	6.18 6.84
Analysis <sup>j</sup> .....	16.75	2.54	7.95	54.51	10.96 7.29
Stanton's 18% Protein Sweet Feed.....	18.00	3.00	11.00	47.30	.....
Analysis.....	16.18	2.63	10.19	52.91	10.24 7.85
Analysis.....	16.05	3.40	6.63	54.00	11.36 8.56
Analysis <sup>607</sup> .....	13.20	2.17	6.96	56.43	14.11 7.13
Analysis.....	14.40	2.41	5.44	54.81	15.41 7.53
Analysis.....	14.77	2.97	7.31	55.92	11.94 7.09
Analysis.....	18.42	2.91	6.69	54.05	9.52 8.41
Stanton's Crate Fattener.....	13.00	4.00	5.00	58.00	.....
Analysis.....	14.05	4.09	4.53	59.78	10.86 6.69
Stanton's Growing Mash.....	17.50	3.50	7.00	51.00	.....
Analysis.....	19.15	3.89	6.98	54.24	8.56 7.18
Stanton's 28% Protein Growing Mash Concentrate.....	28.00	3.60	7.00	37.00	.....
Analysis <sup>608</sup> .....	27.11	4.95	8.79	40.11	7.95 11.09
<b>Star Feed Company, Fort Worth, Texas.</b>					
Starko Dairy Feed.....	18.00	3.60	11.00	49.50	.....
Analysis <sup>609</sup> .....	18.30	4.48	8.41	53.23	8.24 7.34
<b>Star Mill &amp; Elevator Company, Hennessey, Oklahoma.</b>					
Liberty Laying Mash.....	18.00	3.50	7.00	47.00	.....
Analysis <sup>610</sup> .....	16.25	3.17	5.08	60.65	10.31 4.54
Analysis <sup>a611</sup> .....	16.15	2.98	4.79	59.74	10.81 5.53
<b>Stewart Grain Company, Durant, Oklahoma.</b>					
Best-Of Brand Dairy Feed.....	16.00	3.00	11.50	48.50	.....
Analysis <sup>612</sup> .....	13.65	2.18	8.49	49.68	12.53 13.47
Analysis <sup>613</sup> .....	14.45	2.91	8.10	49.88	11.72 12.94
Best-Of Brand Laying Mash.....	18.00	3.50	8.00	48.00	.....
Analysis <sup>a614</sup> .....	14.46	4.08	6.15	56.39	10.67 8.25
<b>Stockmens Feed Manufacturing Company, Clovis, New Mexico.</b>					
El Rancho Brand Laying Mash.....	19.00	3.50	7.50	47.00	.....
Analysis <sup>615</sup> .....	20.85	4.50	6.08	48.45	8.23 11.89
Perfecto Brand 18% Protein Dairy Feed.....	18.00	3.00	7.00	51.00	.....
Analysis.....	18.89	3.45	4.66	57.73	8.35 6.92

<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, <sup>d</sup>, <sup>e</sup>, <sup>f</sup>, <sup>g</sup>, <sup>h</sup>, <sup>i</sup>, <sup>j</sup>, <sup>k</sup>. —See legend at the beginning of this table.<sup>606</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>607</sup>Cottonseed meal claimed, not found. Linseed meal found, not claimed.<sup>608</sup>Excess of ground oyster shell.<sup>609</sup>Grain sorghum found, not claimed.<sup>610</sup>Soybean oil meal and linseed meal found, not claimed.<sup>611</sup>Linseed meal found, not claimed.<sup>612</sup>Incorrectly printed tags attached.<sup>613</sup>Incorrectly printed tags attached. Removed from sale and returned to manufacturer.<sup>614</sup>Excess of ground limestone and salt.<sup>615</sup>Cottonseed meal found, not claimed. Soybean oil meal claimed, not found.<sup>616</sup>Excess of salt.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Stockmens Feed Manufacturing Company,</b> <b>Clovis, New Mexico—Continued.</b>						
El Rancho Brand 32% Protein Concentrate for Poultry.....	32.00	4.00	9.00	27.50	.....	.....
Analysis <sup>616</sup> .....	30.05	5.34	7.90	35.20	7.42	14.09
El Rancho Brand 35% Protein Supplement for Hogs.....	35.00	5.00	9.00	23.00	.....	.....
Analysis <sup>617</sup> .....	36.24	5.88	7.43	27.61	8.16	14.68
El Rancho Brand Chick Starter.....	19.50	3.60	6.30	49.00	.....	.....
Analysis.....	21.04	4.08	5.52	51.84	9.69	7.83
<b>Stubbs, R. Q.,</b> <b>Lubbock, Texas.</b>						
Ground Screenings from Sudan Seed, Cane Seed, Hegari, Milo, Kafir and Corn.....	10.00	3.00	10.00	65.00	.....	.....
Analysis <sup>618</sup> .....	11.15	2.80	7.15	59.18	9.59	10.13
<b>Stubbs-Carr Grain &amp; Seed Company,</b> <b>Lubbock, Texas.</b>						
Wheat Chop.....	12.00	2.00	3.00	70.00	.....	.....
Analysis.....	14.84	1.56	2.57	68.24	10.62	2.17
Ground Hegari Heads, Stalks and Stems.....	7.00	2.00	20.00	55.00	.....	.....
Analysis <sup>619</sup> .....	4.25	1.87	13.97	56.98	15.59	7.34
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....
Analysis <sup>620</sup> .....	7.54	3.17	10.13	65.63	10.81	2.72
Milo Head Chop.....	8.50	2.50	8.00	65.00	.....	.....
Analysis <sup>621</sup> .....	9.30	2.29	9.77	62.27	9.51	6.86
<b>Sugar Land Feed Company,</b> <b>Sugar Land, Texas.</b>						
Texas Mxtrite Brand Dairy Feed.....	19.00	4.00	10.00	46.00	.....	.....
Analysis.....	19.53	4.72	10.92	44.80	11.91	8.12
Imperial Mxtrite Brand Dairy Feed.....	24.00	4.00	12.00	38.50	.....	.....
Analysis <sup>616</sup> .....	19.81	4.48	13.74	40.44	11.09	10.44
Analysis.....	21.66	4.78	11.43	43.90	11.49	6.74
Peanut Hulls, Rice Hulls, Alfalfa Meal and Molasses.....	7.00	1.00	40.00	32.00	.....	.....
Analysis <sup>622</sup> .....	8.46	2.90	26.30	39.71	10.96	11.67
<b>Sugar Land Industries, The,</b> <b>Sugar Land, Texas.</b>						
Mixit-Locally Cow Feed.....	9.00	2.00	17.00	53.00	.....	.....
Analysis <sup>623</sup> .....	10.82	2.13	13.95	54.53	12.02	6.55
Burrese Dairy Mix.....	19.00	3.00	9.50	45.60	.....	.....
Analysis <sup>624</sup> .....	19.11	3.18	12.39	45.90	11.59	7.83
Special Value Brand Dairy Ration.....	17.00	3.50	20.50	39.50	.....	.....
Analysis <sup>a</sup> .....	17.65	4.18	18.60	38.89	12.91	7.77
<b>Sulphur Springs Cotton Oil Company,</b> <b>Sulphur Springs, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.00	12.00	23.00	.....	.....
Analysis <sup>c</sup> .....	40.87	5.98	11.63	28.46	7.69	5.37
Analysis.....	42.64	6.24	11.24	27.32	7.04	5.52
Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....
Analysis.....	20.74	5.23	5.98	47.30	9.85	10.90
Wingo's 18% Protein Dairy Feed.....	18.00	3.00	12.80	47.50	.....	.....
Analysis.....	19.10	3.27	11.72	47.29	11.60	7.02

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>616</sup>Excess of salt.<sup>617</sup>Deficient in ground limestone. Excess of salt.<sup>618</sup>Sand and earth present.<sup>619</sup>Excess of water. Excess of stems.<sup>620</sup>Defaced tags attached.<sup>621</sup>Incorrectly printed tags attached. Sand and earth present.<sup>622</sup>Ear corn chop with husk, rice bran, and carbonate of lime found, not claimed.<sup>623</sup>Rice bran and carbonate of lime found, not claimed.<sup>624</sup>Adulterated with rice hulls.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Sunglo Mills, Dallas, Texas.</b>						
Sunglo Brand Horse and Mule Feed.....	10.00	2.50	10.00	55.00	.....	.....
Analysis <sup>625</sup> .....	10.71	3.00	10.68	57.57	13.30	4.74
Analysis <sup>626</sup> .....	11.82	3.03	11.04	56.46	12.16	5.49
Sunglo Brand Poultry Mash.....	15.00	3.50	7.00	57.00	.....	.....
Analysis <sup>627</sup> .....	16.85	3.94	4.82	57.01	11.50	5.88
Sunglo Brand Sweet Feed.....	9.00	1.60	21.00	42.00	.....	.....
Analysis <sup>627</sup> .....	9.00	1.40	30.68	35.76	9.57	13.59
<b>Sun-Ray Feed Company, Fort Worth, Texas.</b>						
Alfalfa Meal and Molasses.....	10.80	1.20	26.40	41.00	.....	.....
Analysis.....	10.96	1.31	19.92	42.12	16.85	8.84
<b>Sweetwater Cotton Oil Company, Sweetwater, Texas.</b>						
Sweetwater 18% Protein Dairy Feed.....	18.00	3.00	10.00	51.00	.....	.....
Analysis.....	18.05	3.27	8.40	53.04	10.49	6.75
Analysis.....	17.00	3.43	4.83	57.34	10.65	6.75
Analysis <sup>627</sup> .....	21.04	3.81	9.96	49.12	9.30	6.78
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....
Analysis.....	42.35	5.50	13.25	28.13	5.18	5.59
Analysis.....	43.10	5.42	12.32	27.65	6.51	5.00
Analysis.....	44.03	7.81	8.47	26.65	7.16	5.88
43% Protein Cottonseed Cubes.....	43.00	5.20	12.00	23.00	.....	.....
Analysis.....	44.01	5.79	12.45	25.56	6.89	5.30
Lasses Sweetco Mixed Feed.....	11.00	1.50	30.60	39.50	.....	.....
Analysis <sup>628</sup> .....	12.45	1.61	15.85	51.14	10.73	8.20
Analysis.....	10.18	.63	31.43	41.95	11.82	3.99
Sweetwater Growing Mash.....	17.50	3.50	5.00	54.00	.....	.....
Analysis.....	19.89	4.86	4.82	54.20	9.09	7.14
Analysis <sup>629</sup> .....	18.40	3.31	3.85	57.92	10.62	5.90
Sweetwater Baby Chick Starter.....	17.50	3.50	5.00	52.50	.....	.....
Analysis.....	18.59	3.68	4.28	56.70	9.70	7.05
Sweetco Quality Brand 41% Protein Supple- ment for Hogs.....	41.00	5.00	8.00	17.00	.....	.....
Analysis <sup>630</sup> .....	37.46	6.64	5.55	24.71	8.49	17.15
Sweetco Quality Brand 38% Protein Supplement for Hogs.....	38.00	5.00	8.00	17.00	.....	.....
Analysis <sup>631</sup> .....	37.81	6.14	5.20	26.33	7.37	17.15
Sweetwater Laying Mash.....	18.50	3.50	8.00	48.00	.....	.....
Analysis <sup>632</sup> .....	19.27	4.22	6.97	53.45	9.11	6.98
Analysis <sup>632</sup> .....	18.90	4.42	6.47	53.68	9.24	7.29
Sweetwater Supreme Brand Laying Mash.....	20.00	3.60	6.00	45.50	.....	.....
Analysis.....	19.77	4.59	4.97	49.93	9.73	11.01
43% Protein Cottonseed Pellets.....	43.00	5.20	12.00	23.00	.....	.....
Analysis.....	44.20	4.92	11.78	27.30	6.78	5.02
Analysis.....	43.84	5.25	12.18	27.02	6.74	4.97
Sweetwater 32% Protein Mash-Maker Con- centrate.....	32.00	4.50	8.00	25.00	.....	.....
Analysis <sup>631</sup> .....	29.36	6.51	7.03	31.53	8.48	17.09
Analysis <sup>631</sup> .....	31.01	5.63	7.20	32.02	8.17	15.97

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

625Deficient in ground limestone and salt.

626Rice hulls, whole wheat, and grain sorghum seeds found, not claimed.

627Deficient in ground limestone.

628Removed from sale and relabeled Economy Brand Sweet Feed. Cottonseed hulls claimed, not found. Milo head stems found, not claimed.

629Excess of ground oyster shell.

630Deficient in ground oyster shell.

631Excess of salt.

632Soybean oil meal found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943,  
to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Sweetwater Cotton Oil Company,</b> <b>Sweetwater, Texas—Continued.</b>						
Sweetwater Range Pellets.....	20.00	3.30	8.00	49.00	11.02	6.17
Analysis.....	19.14	3.75	7.81	52.11	11.02	6.17
Analysis.....	20.72	3.79	6.84	50.40	11.86	6.39
Analysis <sup>631</sup> .....	19.55	3.33	4.60	53.27	13.35	5.50
Analysis <sup>633</sup> .....	18.24	3.08	4.59	56.60	11.27	6.22
41 % Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00		
Analysis.....	45.34	5.95	6.04	28.29	8.32	6.06
Analysis.....	45.24	5.45	5.82	28.56	9.16	5.77
Analysis.....	42.59	5.19	5.30	31.45	9.88	5.59
Sweetwater Rabbit Pellets.....	13.00	4.00	8.00	58.00		
Analysis <sup>631</sup> .....	15.00	3.57	6.32	59.99	8.40	6.72
New Cow Feed.....	10.50	3.00	21.00	44.00		
Analysis <sup>631</sup> .....	12.53	2.02	15.27	50.78	12.23	7.17
<b>Swift &amp; Company,</b> <b>Chicago, Illinois, and Branches.</b>						
Swift's 60% Protein Digester Tankage.....	60.00	5.00	3.00	0.00		
Analysis.....	56.34	11.32	2.50	1.11	6.92	21.81
Analysis.....	55.86	10.38	2.29	1.70	4.82	24.95
Analysis.....	60.20	11.17	1.83	.82	4.78	21.20
Analysis <sup>634</sup> .....	58.85	12.75	2.88	.08	3.78	21.66
Analysis.....	64.50	10.78	2.32	.20	4.06	18.14
Analysis <sup>634</sup> .....	58.98	9.94	2.00	.35	4.95	23.78
Analysis.....	63.35	10.85	2.03	.81	6.93	16.03
Analysis <sup>631</sup> .....	57.96	10.54	3.05	.03	5.35	23.07
Analysis <sup>631</sup> .....	59.10	10.01	2.87	.60	5.34	22.08
Analysis.....	58.12	9.72	2.86	.56	8.70	20.04
Analysis.....	57.59	9.59	2.30	2.00	8.67	19.85
Swift's 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00		
Analysis.....	51.85	11.31	2.92	.64	6.27	27.01
Analysis.....	46.86	9.79	2.48	2.00	6.50	32.37
Analysis <sup>631</sup> .....	47.19	10.78	1.72	.61	6.74	32.96
Analysis <sup>631</sup> .....	47.95	10.69	1.82	.76	7.18	31.60
Analysis.....	50.54	10.35	1.63	1.00	6.06	30.42
Analysis <sup>631</sup> .....	45.71	10.75	2.13	1.19	7.56	32.66
Analysis <sup>631</sup> .....	47.46	9.91	1.75	1.52	6.32	33.04
Analysis.....	51.05	9.66	1.71	2.40	6.91	28.27
Analysis.....	49.65	6.33	3.07	6.90	8.48	25.57
Analysis.....	50.44	8.58	1.08	6.49	6.01	27.40
Analysis <sup>631</sup> .....	47.57	12.87	1.73	2.85	6.36	28.62
Analysis.....	48.33	12.23	1.85	2.99	7.04	27.56
Analysis <sup>631</sup> .....	49.35	10.74	1.87	2.62	6.96	28.46
Analysis.....	50.65	10.89	1.83	.96	6.43	29.24
Analysis <sup>631</sup> .....	49.10	12.46	1.81	1.66	6.49	28.48
Analysis <sup>631</sup> .....	48.64	10.92	1.83	1.97	5.74	30.90
Analysis.....	50.06	11.74	2.08	1.71	6.24	28.17
Swift's 45% Protein Meat and Bone Scraps.....	45.00	6.00	3.00	0.00		
Analysis.....	45.40	12.03	2.17	1.44	6.12	32.84
Swift's Dried Buttermilk (Feeding).....	32.00	5.00	1.00	35.00		
Analysis.....	34.66	5.90	.33	36.64	10.95	11.52
Swift's 48% Protein Meat and Bone Scraps.....	48.00	6.00	3.00	0.00		
Analysis.....	49.25	11.32	1.73	.83	6.06	30.81
Analysis.....	49.80	13.01	1.78	.56	7.19	27.66
Analysis.....	47.10	11.49	1.85	1.34	5.95	32.27
Analysis <sup>631</sup> .....	46.75	11.04	1.18	1.43	7.34	32.26

a, b, c, d, e, f, g, h, i, j, k, —See legend at the beginning of this table.

<sup>631</sup>Excess of salt.<sup>633</sup>Not in pellet form.<sup>634</sup>Removed from sale and used in manufacture of mixed feeds.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Swift &amp; Company,</b> <b>Chicago, Illinois, and Branches—Continued.</b>						
Swift's 35% Protein Concentrate for Swine....	35.00	4.00	9.50	27.00	.....	.....
Analysis <sup>j</sup> .....	37.20	5.86	9.17	26.66	6.68	14.43
Analysis <sup>635</sup> .....	36.08	6.27	8.64	27.11	7.80	14.10
Analysis.....	35.47	5.72	7.53	27.70	8.79	14.79
Analysis.....	38.24	5.42	6.98	26.98	8.53	13.85
Analysis.....	37.10	5.90	6.26	28.74	8.71	13.29
Analysis <sup>636</sup> .....	37.13	5.88	7.76	27.03	9.29	12.91
Analysis <sup>635</sup> .....	37.25	6.71	8.28	26.91	8.62	12.23
Analysis.....	35.50	5.35	7.76	28.63	8.55	14.21
Swift's 60% Protein Meat Scraps.....	60.00	6.00	3.00	0.00	.....	.....
Analysis <sup>a</sup> .....	61.60	11.04	2.56	0.00	6.89	17.91
<b>Swift &amp; Company (Oil Mill),</b> <b>Little Rock, Arkansas.</b>						
Cotton Bloom Brand 41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>c</sup> .....	40.48	5.71	12.12	28.53	7.39	5.77
<b>Swift &amp; Company (Soy Bean Mill),</b> <b>Champaign, Illinois, and Branches.</b>						
Swift's 43% Protein Soybean Oil Meal.....	43.00	3.50	7.00	29.00	.....	.....
Analysis.....	44.03	4.95	5.37	29.45	10.27	5.93
<b>Syntha-Milk Laboratories,</b> <b>Ingomar, Ohio.</b>						
Syntha-Mixer.....	34.00	4.00	8.00	24.00	.....	.....
Analysis <sup>637</sup> .....	37.40	5.58	7.80	33.34	8.23	7.65
Analysis <sup>637</sup> .....	37.79	5.46	8.69	31.86	8.52	7.68
Analysis <sup>637</sup> .....	38.51	5.41	8.73	30.56	9.16	7.63
Analysis <sup>638</sup> .....	41.04	5.61	6.48	28.45	7.94	10.48
Analysis.....	36.93	5.96	8.43	33.49	7.70	7.49
Analysis <sup>637</sup> .....	36.63	5.67	8.85	34.15	7.32	7.38
<b>Taft Cotton Oil Company,</b> <b>Taft, Texas.</b>						
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	40.86	5.83	11.72	28.32	7.88	5.39
Analysis.....	40.70	8.12	12.07	26.97	6.94	5.20
Analysis.....	41.65	6.19	12.17	26.94	7.81	5.24
Analysis.....	41.16	5.94	11.93	28.29	7.60	5.08
41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	40.75	5.33	12.43	27.99	8.30	5.20
Analysis.....	41.13	5.73	12.12	28.41	7.18	5.43
<b>Tallulah Oil Mill &amp; Gin,</b> <b>Tallulah, Louisiana.</b>						
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>d</sup> .....	40.54	5.37	10.88	28.87	8.23	6.11
<b>Tarkio Molasses Feed Company,</b> <b>Kansas City, Missouri.</b>						
Tarkio Winner Brand Feed.....	12.00	2.80	8.00	51.30	.....	.....
Analysis.....	14.23	3.78	8.21	53.25	11.98	8.55
<b>Taylor Brokerage Company,</b> <b>San Angelo, Texas.</b>						
Taylor's Best Cow Feed.....	19.00	3.00	15.00	44.00	.....	.....
Analysis.....	18.05	3.54	9.47	51.39	9.47	8.08
Analysis <sup>639</sup> .....	18.56	3.86	13.88	42.20	10.28	11.22

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

635Incorrectly printed tags attached.

636Deficient in ground limestone.

637Incorrectly printed tags.

638Excess of salt. Carbonate of lime found, not claimed.

639Adulterated with rice hulls.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Taylor Brokerage Company.</b>						
<b>San Angelo, Texas—Continued.</b>						
<sup>641</sup> Taylor's Best Dairy Feed.....	18.50	3.00	15.00	39.00	.....	.....
Analysis.....	19.33	4.06	12.25	43.34	9.06	11.96
Dandy Brand Laying Mash.....	18.50	3.50	7.60	48.00	.....	.....
Analysis.....	18.59	3.62	6.18	53.16	9.99	8.46
Analysis.....	20.39	3.41	5.18	53.36	9.01	8.65
Taylor's Money-Saver Brand Growing Mash.....	16.00	3.50	5.50	53.50	.....	.....
Analysis.....	18.33	4.00	5.48	53.95	10.78	7.46
Taylor's Money-Saver Brand Chick Starter.....	17.50	3.50	7.00	51.00	.....	.....
Analysis.....	17.58	4.10	5.50	54.60	11.40	6.82
Taylor's Money-Saver Brand 33% Protein Supplement for Poultry.....	33.00	4.00	9.00	20.00	.....	.....
Analysis.....	34.71	5.05	7.85	23.82	8.10	20.47
<b>Taylor Grain Company.</b>						
<b>Van Alstyne, Texas.</b>						
Texana Brand Egg Mash.....	18.00	3.50	5.50	51.00	.....	.....
Analysis.....	20.00	3.17	4.15	51.52	11.54	9.62
<b>Taylor's Feed Store.</b>						
<b>Lampasas, Texas.</b>						
Taylor's Special Laying Mash.....	20.00	3.50	7.00	45.00	.....	.....
Analysis.....	22.03	4.77	5.40	48.62	10.27	8.91
<b>Temple Feed &amp; Fuel Company.</b>						
<b>Temple, Texas.</b>						
Temco Laying Mash.....	20.00	3.50	7.00	47.20	.....	.....
Analysis.....	20.00	4.39	5.17	52.93	9.71	7.80
Analysis.....	21.60	4.34	4.99	50.23	10.52	8.32
Analysis.....	21.15	4.31	5.39	51.37	9.75	8.03
Temco Sweet Dairy Feed.....	18.50	3.50	12.00	46.50	.....	.....
Analysis <sup>640</sup> .....	15.23	3.35	13.43	51.42	10.07	6.50
Temco Blue Ribbon Brand 37.50% Protein Supplement for Pigs and Hogs.....	37.50	4.50	8.30	26.30	.....	.....
Analysis <sup>641</sup> .....	34.74	6.43	8.67	29.68	7.82	12.66
Analysis <sup>640</sup> .....	37.93	6.48	6.07	25.30	8.12	16.10
Temco Blue Ribbon Brand 37.50% Protein Supplement for Pigs and Hogs.....	37.50	4.50	8.30	26.00	.....	.....
Analysis <sup>642</sup> .....	38.08	6.68	7.89	24.49	7.96	14.90
<b>Terminal Grain Company.</b>						
<b>Fort Worth, Texas.</b>						
Ground Whole Barley.....	11.00	1.50	6.00	65.00	.....	.....
Analysis.....	11.49	2.27	4.93	61.69	11.21	8.41
Analysis <sup>643</sup> .....	11.70	2.22	5.55	64.34	11.00	5.19
Blue Tag Dairy Feed.....	18.40	4.00	9.70	49.00	.....	.....
Analysis.....	18.11	2.61	8.29	52.39	12.86	5.74
Analysis <sup>644</sup> .....	15.04	2.44	6.18	57.14	12.51	6.69
Blue Tag Egg Mash.....	21.50	3.50	5.40	49.00	.....	.....
Analysis.....	18.65	3.25	4.38	54.52	11.18	8.02
Analysis <sup>645</sup> .....	22.39	3.90	4.67	50.06	9.50	9.48
Rodeo Sweet Feed.....	12.50	2.20	11.20	54.00	.....	.....
Analysis <sup>646</sup> .....	10.54	5.07	9.43	47.12	9.73	18.11
Analysis.....	12.79	2.24	8.83	57.57	11.53	7.04
Analysis <sup>647</sup> .....	13.80	2.25	9.63	47.61	10.84	15.87

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>640</sup>Carbonate of lime found, not claimed.<sup>641</sup>Excess of salt.<sup>642</sup>Grain sorghum meal found, not claimed.<sup>643</sup>Screenings present.<sup>644</sup>Soybean oil meal found, not claimed.<sup>645</sup>Excess of ground limestone.<sup>646</sup>Adulterated with sand and earth. Deficient in ground limestone and salt.<sup>647</sup>Deficient in ground limestone and salt.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Terminal Grain Company,</b> <b>Fort Worth, Texas—Continued.</b>						
Cluck-Cluck Egg Mash.....	18.20	3.50	8.00	50.00	.....	.....
Analysis.....	16.35	4.64	4.99	57.77	10.66	5.59
Analysis.....	15.70	3.28	5.06	57.50	10.67	7.79
Analysis <sup>645 e</sup> .....	19.18	3.36	3.98	53.08	10.03	10.37
Cluck-Cluck Egg Mash.....	18.00	3.50	6.00	52.00	.....	.....
Analysis <sup>646</sup> .....	20.59	3.53	3.76	51.71	9.95	10.46
<b>Terrell Milling Company,</b> <b>Terrell, Texas.</b>						
Horse and Mule Feed.....	9.50	2.60	12.00	58.00	.....	.....
Analysis <sup>648</sup> .....	8.92	2.63	7.61	57.70	15.07	8.07
Bunko Brand Sweet Feed.....	10.00	4.00	30.50	38.00	.....	.....
Analysis <sup>649</sup> .....	9.15	1.85	14.34	46.85	14.84	12.97
Analysis <sup>650</sup> .....	9.09	1.80	15.50	47.39	14.30	11.92
Analysis <sup>649 e</sup> .....	9.60	2.47	13.12	47.94	15.06	11.81
Bunko Brand Sweet Feed.....	10.00	2.40	19.50	45.00	.....	.....
Analysis <sup>641</sup> .....	9.33	1.81	17.78	46.79	13.02	11.27
Analysis.....	10.48	2.37	19.78	45.67	10.07	11.63
Red Diamond Hog Feed.....	14.50	3.00	6.00	56.00	.....	.....
Analysis <sup>651</sup> .....	14.52	2.88	4.81	61.48	10.89	5.42
13% Protein Sweet Feed.....	13.00	2.00	42.80	26.50	.....	.....
Analysis.....	6.70	1.38	27.35	33.37	13.22	17.98
Analysis <sup>652</sup> .....	8.30	1.72	23.11	35.38	15.39	16.10
Analysis.....	9.61	1.36	32.37	33.64	14.31	8.71
Analysis.....	14.51	3.31	23.18	36.46	12.07	10.47
Special Mixed Feed.....	14.50	2.60	5.50	57.50	.....	.....
Analysis.....	15.59	3.47	5.32	58.22	11.65	5.75
Analysis.....	15.29	2.51	4.19	59.56	12.32	6.13
Analysis.....	15.70	2.16	2.70	64.83	10.28	4.33
16% Protein Dairy Feed.....	16.00	3.00	12.80	48.00	.....	.....
Analysis <sup>653</sup> .....	13.94	1.99	12.85	53.25	10.23	7.74
Analysis.....	14.97	2.29	8.75	52.85	13.87	7.27
Ground Peanut Hay with Nuts.....	12.00	12.00	25.00	30.00	.....	.....
Analysis.....	10.17	1.51	13.11	40.73	10.93	23.55
Ground Wheat and Ground Rice Hulls.....	11.50	4.50	8.00	60.00	.....	.....
Analysis.....	11.70	1.43	11.15	58.60	9.73	7.39
<b>Texarkana Cotton Oil Corporation,</b> <b>Texarkana, Arkansas-Texas.</b>						
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....
Analysis.....	40.51	4.92	13.49	27.80	7.47	5.81
Analysis <sup>e</sup> .....	39.70	5.98	13.61	27.75	7.03	5.93
Analysis.....	40.92	5.58	12.51	27.98	7.08	5.93
Analysis.....	41.68	5.38	12.75	27.39	6.61	6.19
Analysis.....	41.28	5.12	11.83	27.69	7.87	6.21
Analysis.....	41.36	5.02	13.39	27.02	7.23	5.98
Analysis.....	41.46	5.05	11.48	27.84	7.93	6.24
Analysis.....	41.62	5.25	12.25	27.46	7.23	6.19
Analysis.....	41.43	5.38	12.93	27.52	6.68	6.06
Analysis <sup>e</sup> .....	40.58	4.30	12.64	29.04	7.85	5.59
Analysis <sup>e</sup> .....	42.23	5.90	10.75	27.74	7.30	6.08
41.12% Protein Cracked Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....
Analysis.....	40.90	5.13	12.79	27.85	7.40	5.93
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>654</sup> .....	40.99	5.93	12.55	28.48	6.16	5.89

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>645</sup>Excess of ground limestone.<sup>648</sup>Peanut hay and grain sorghum found, not claimed.<sup>649</sup>Excess of corn husks. Only a trace of peanut hulls found.<sup>650</sup>Only a trace of peanut hulls found. Excess of corn husks. Peanut hay of inferior quality used.<sup>651</sup>Deficient in ground oyster shell.<sup>652</sup>Rice hulls found, not claimed.<sup>653</sup>Soybean oil meal claimed, not found. Adulterated with rice hulls.<sup>654</sup>Excess cottonseed hulls.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Texas Cotton Industries,</b> <b>Marfa, Texas.</b>						
28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	.....	.....
Analysis.....	28.71	6.32	21.98	33.44	5.07	4.48
Analysis.....	28.52	6.34	20.54	35.11	4.77	4.72
28% Protein Whole-Pressed Cottonseed Pellets.....	28.00	6.00	23.00	29.00	.....	.....
Analysis.....	28.92	4.77	23.89	29.51	8.26	4.65
<b>Texas Farm Products Company,</b> <b>Nacogdoches, Texas.</b>						
Lone Star Brand Dairy Feed.....	18.00	3.00	9.50	49.00	.....	.....
Analysis.....	20.59	3.68	7.21	51.82	12.17	4.53
Jersey Cream Brand 16% Protein Dairy Ration.....	16.00	3.00	18.40	42.10	.....	.....
Analysis.....	17.35	2.46	14.23	49.11	11.34	5.51
Analysis <sup>655</sup> .....	17.34	4.07	10.83	44.55	15.69	7.52
Lone Star Brand Growing Mash.....	17.50	3.50	8.50	48.00	.....	.....
Analysis <sup>656</sup> .....	19.61	3.85	4.29	55.15	10.45	6.65
Piney Woods Mixed Feed.....	11.80	6.50	10.20	48.90	.....	.....
Analysis <sup>657</sup> .....	13.63	3.44	8.12	56.48	10.82	7.51
<b>Texas Feed &amp; Seed Company, Ltd.,</b> <b>Lubbock, Texas.</b>						
Sun-Ray Brand 30% Protein Supplement for Pigs and Hogs.....	30.00	5.00	6.50	32.00	.....	.....
Analysis <sup>658</sup> .....	29.21	5.84	6.26	37.50	8.32	12.87
Sun-Ray Brand 34% Protein Laying Mash Supplement.....	34.00	5.00	7.50	21.50	.....	.....
Analysis <sup>659</sup> .....	37.15	7.18	7.61	21.78	7.92	18.36
Sun-Ray Brand Dairy Feed.....	18.50	3.40	12.00	47.00	.....	.....
Analysis.....	17.87	3.35	9.23	54.26	9.11	6.18
Analysis.....	18.50	3.65	11.33	49.47	8.82	8.23
Sun-Ray Brand Laying Mash.....	18.00	3.50	8.00	48.00	.....	.....
Analysis.....	18.50	3.96	5.17	55.94	9.51	6.92
<b>Texas Mill &amp; Elevator Company,</b> <b>Abilene, Texas.</b>						
Abtex Super-Layer Brand Egg Mash.....	18.00	3.80	7.50	49.30	.....	.....
Analysis.....	18.45	3.65	4.55	57.05	10.07	6.23
Analysis.....	18.70	3.72	6.56	56.38	10.17	4.47
Abtex All-Mash Starter and Grower.....	16.50	3.60	6.70	53.00	.....	.....
Analysis.....	15.60	3.53	5.54	57.56	11.38	6.39
Abtex Special Growing Mash.....	16.50	3.60	7.00	52.00	.....	.....
Analysis <sup>660</sup> .....	18.25	4.13	5.79	56.34	10.88	4.61
Analysis <sup>661</sup> .....	19.40	3.38	5.80	56.32	9.79	5.31
All-Weather Brand Egg Laying Mash.....	18.50	3.50	7.50	48.70	.....	.....
Analysis.....	19.60	4.06	4.71	53.84	9.23	8.56
Analysis.....	18.09	4.01	5.10	55.21	10.40	7.19
Analysis.....	18.90	3.50	5.53	55.20	9.39	7.48
<b>Texas Star Flour Mills,</b> <b>Galveston, Texas.</b>						
Wheat Bran and Screenings.....	15.00	3.20	10.00	53.00	.....	.....
Analysis.....	16.29	4.28	9.88	51.62	11.46	6.47

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>655</sup>Peanut hulls found, not claimed.<sup>656</sup>Soybean oil meal found, not claimed.<sup>657</sup>Adulterated with rice hulls and peanut hulls. Ground wheat and wheat bran found, not claimed.<sup>658</sup>Cottonseed meal claimed, not found.<sup>659</sup>Deficient in ground limestone.<sup>660</sup>Grain sorghum meal found, not claimed.<sup>661</sup>Soybean oil meal found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Texas Star Flour Mills,</b> <b>Galveston, Texas—Continued.</b>						
Wheat Gray Shorts.....	17.50	4.00	6.00	55.00	.....	.....
Analysis.....	17.08	4.13	6.24	56.15	12.03	4.37
Analysis.....	17.10	4.26	5.90	56.30	12.22	4.22
Analysis.....	15.80	3.69	5.54	59.09	12.09	3.79
Analysis.....	16.25	4.28	4.35	58.29	13.20	3.63
Analysis <sup>662</sup> .....	15.76	4.19	5.56	57.91	11.67	4.91
All-Star Brand Growing Mash.....	17.00	4.00	6.00	48.00	.....	.....
Analysis <sup>j</sup> .....	23.39	4.28	6.50	47.42	9.48	8.93
<b>Thornton's Feed Mill,</b> <b>Cisco, Texas.</b>						
Thornton's Dairy Cow Feed.....	21.00	4.10	10.00	48.00	.....	.....
Analysis.....	21.55	4.19	9.02	51.89	8.99	4.36
Analysis.....	21.70	3.61	7.88	53.07	9.71	4.03
Thornton's Growing Mash.....	16.00	3.50	7.00	52.00	.....	.....
Analysis.....	15.86	4.18	6.10	56.52	10.09	7.25
Thornton's Baby Chick Starter.....	17.00	3.50	6.50	50.00	.....	.....
Analysis <sup>7063</sup> .....	16.75	3.47	4.90	54.75	11.82	8.31
Thornton's 16% Protein Dairy Feed.....	16.00	3.50	12.30	48.00	.....	.....
Analysis.....	15.85	3.01	10.37	54.02	9.86	6.89
Analysis <sup>664</sup> .....	16.49	3.28	9.20	53.53	10.93	6.57
Thornton's Best Turkey Starter.....	24.00	4.00	7.00	42.50	.....	.....
Analysis.....	23.85	5.24	6.65	44.76	9.31	10.19
Thornton's Mixed Feed.....	11.00	2.60	15.80	49.50	.....	.....
Analysis <sup>665</sup> .....	11.60	1.77	9.38	56.55	13.95	6.75
Thornton's 5 Laying Mash.....	20.50	3.80	7.30	44.00	.....	.....
Analysis.....	19.07	5.11	6.47	47.94	9.51	11.90
Analysis.....	20.32	5.50	6.06	48.31	10.36	9.45
<b>Tidwell Fuel &amp; Feed Company,</b> <b>El Paso, Texas.</b>						
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....
Analysis.....	17.20	4.51	5.23	58.36	10.53	4.17
Tidco Dairy Feed.....	17.50	3.50	8.00	46.30	.....	.....
Analysis.....	18.15	3.68	6.68	56.95	7.73	6.81
Analysis <sup>666</sup> .....	16.98	4.02	7.24	55.36	9.08	7.32
Tidwell's Success Brand 36% Protein Sweet Feed.....	36.00	3.00	6.00	28.00	.....	.....
Analysis.....	25.72	4.52	9.02	42.25	9.75	8.74
Tidco Chick Starter.....	18.50	4.00	7.00	49.00	.....	.....
Analysis <sup>663</sup> .....	18.48	5.06	6.29	53.13	10.40	6.64
Tidco Broiler Mash.....	18.50	4.00	7.00	49.00	.....	.....
Analysis.....	19.97	5.15	6.08	52.68	8.64	7.48
Tidco Growing Mash.....	16.00	3.50	6.50	52.00	.....	.....
Analysis.....	17.20	4.31	5.43	55.84	10.28	6.94
Tidco Laying Mash.....	20.50	3.70	8.00	43.50	.....	.....
Analysis.....	22.85	4.73	6.66	50.52	9.07	6.17
Analysis.....	19.96	4.63	7.33	51.83	8.90	7.35
<b>Tobian &amp; Company, Louis,</b> <b>Dallas, Texas.</b>						
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	40.54	5.46	10.94	29.03	7.46	6.57
Analysis.....	41.11	5.15	11.74	27.58	8.54	5.88
Analysis.....	42.28	5.61	10.47	27.88	7.54	6.22
Analysis.....	40.90	5.06	10.93	30.13	7.32	5.66

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>662</sup>Screenings present.<sup>663</sup>Deficient in ground limestone. Excess of salt.<sup>664</sup>Deficient in salt and ground oyster shell.<sup>665</sup>Soybean oil meal claimed, not found. Cottonseed meal found, not claimed.<sup>666</sup>Cottonseed meal found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Tornillo Cotton Oil Company,</b> <b>Tornillo, Texas.</b>						
28% Protein Whole-Pressed Cottonseed .....	28.00	6.00	23.00	29.00	.....	.....
Analysis .....	29.21	6.72	20.98	33.98	4.63	4.48
Analysis .....	28.79	6.55	22.37	32.89	4.50	5.10
Analysis .....	28.00	7.65	20.35	34.14	4.92	4.94
28% Protein Whole-Pressed Cottonseed Cubes.	28.00	6.00	23.00	29.00	.....	.....
Analysis .....	28.95	6.06	22.95	33.04	4.16	4.84
Analysis .....	29.20	6.74	22.26	32.39	4.49	4.92
Analysis .....	28.58	6.13	24.07	32.11	4.32	4.79
<b>Traders Oil Mill Company,</b> <b>Fort Worth, Texas.</b>						
Traders' 43% Protein Cottonseed Meal .....	43.00	5.20	12.00	23.00	.....	.....
Analysis .....	44.86	6.62	9.99	26.81	5.83	5.89
Analysis .....	44.23	5.61	11.49	27.11	5.77	5.79
Analysis <sup>667</sup> .....	43.30	6.43	12.36	26.45	6.02	5.44
Analysis <sup>c</sup> .....	41.19	6.61	11.35	27.95	7.30	5.60
Analysis <sup>c</sup> .....	41.80	6.06	13.77	27.88	5.33	5.16
Analysis <sup>c</sup> .....	42.31	6.81	11.55	27.49	6.45	5.39
Analysis .....	43.50	5.53	11.63	26.05	7.54	5.75
43% Protein Peanut Meal .....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>c</sup> .....	42.39	9.26	13.25	24.14	6.91	4.05
Analysis <sup>668</sup> .....	44.47	6.38	13.17	25.31	5.67	5.00
Analysis .....	42.74	8.14	13.96	24.05	6.56	4.55
Analysis <sup>c</sup> .....	41.56	7.07	15.62	24.68	6.57	4.50
Traders' 43% Protein Cottonseed Pellets .....	43.00	5.20	12.00	23.00	.....	.....
Analysis .....	43.42	5.94	10.96	26.53	7.56	5.59
Analysis <sup>c</sup> .....	42.44	5.74	11.63	27.59	7.44	5.16
Analysis <sup>a</sup> .....	43.13	5.61	9.78	27.60	7.80	6.08
Traders' 43% Protein Peanut Pellets .....	43.00	6.00	12.00	23.00	.....	.....
Analysis .....	42.61	6.15	15.47	24.36	7.26	4.15
Analysis .....	44.23	5.76	14.47	23.55	7.76	4.23
Traders' 41% Protein Soybean Oil Meal .....	41.00	5.00	6.00	28.00	.....	.....
Analysis .....	41.60	6.57	5.90	30.70	9.72	5.51
Analysis .....	42.30	6.08	5.40	29.77	10.88	5.57
Analysis .....	41.42	7.44	5.21	28.72	11.46	5.75
Analysis .....	44.35	5.19	5.89	29.26	9.15	6.16
Analysis .....	42.56	5.04	7.67	31.11	7.37	6.25
Analysis .....	41.54	5.13	8.23	31.46	7.91	5.73
Traders' 41% Protein Soybean Oil Pellets .....	41.00	5.00	6.00	28.00	.....	.....
Analysis .....	42.40	7.37	5.38	29.70	9.68	5.47
Traders' 41% Protein Cottonseed Meal .....	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>667</sup> .....	42.33	5.97	14.15	26.74	5.40	5.41
Traders' 32% Protein Feed .....	32.00	4.50	23.50	31.00	.....	.....
Analysis <sup>669</sup> .....	33.23	5.10	20.69	27.74	7.82	5.42
Traders' 32% Protein Feed Pellets .....	32.00	4.50	23.50	31.00	.....	.....
Analysis <sup>670</sup> .....	37.76	6.20	18.46	25.37	7.29	4.92
<b>Transit Grain &amp; Commission Company,</b> <b>Fort Worth, Texas.</b>						
V-P-M Junior Controller Concentrate .....	36.00	4.50	10.00	17.00	.....	.....
Analysis .....	35.29	4.92	9.78	22.46	6.45	21.10
V-P-M 34% Protein Controller Concentrate .....	34.00	3.50	10.00	30.00	.....	.....
Analysis <sup>671</sup> .....	34.34	4.21	12.94	29.89	7.18	11.44
Analysis <sup>672</sup> .....	33.84	4.45	12.86	29.90	7.88	11.07
Analysis <sup>671</sup> .....	33.31	4.33	13.92	29.59	7.44	11.41
Analysis .....	32.34	4.32	13.97	38.69	7.77	2.91
Analysis .....	33.64	4.56	13.24	32.09	8.10	8.37
Analysis <sup>e</sup> .....	34.76	4.28	12.96	30.94	8.21	8.85

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

667Excess cottonseed hulls.

668Cottonseed meal found.

669Deficient in ground limestone.

670Peanut meal and molasses found, not claimed. Deficient in ground limestone.

671Shrimp meal claimed, not found.

672Shrimp meal claimed, not found. Crab meal found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Transit Grain &amp; Commission Company,</b> <b>Fort Worth, Texas—Continued.</b>						
V-P-M 34% Protein Controller Concentrate....	34.00	3.50	12.00	30.00	.....	.....
Analysis.....	34.41	4.78	13.80	31.84	8.04	7.13
Analysis; <sup>673</sup> .....	33.25	4.64	13.41	33.45	8.35	6.90
Analysis.....	33.72	4.94	14.44	31.04	8.50	7.36
Analysis; <sup>673</sup> .....	32.44	4.47	13.37	33.97	8.79	6.96
Analysis.....	34.09	5.62	13.38	31.43	7.15	8.33
<b>Tremaine Alfalfa Milling Company,</b> <b>Mesa, Arizona.</b>						
Tremaine Brand Alfalfa Meal.....	16.00	1.50	25.00	40.00	.....	.....
Analysis <i>k</i> .....	12.86	1.75	26.46	41.30	9.55	8.08
<b>Trinity Cotton Oil Company,</b> <b>Dallas, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	44.44	5.98	9.95	27.17	6.73	5.73
Analysis.....	42.50	6.23	10.91	26.57	8.20	5.59
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	42.55	6.30	5.83	31.49	8.03	5.80
Analysis.....	43.29	6.09	5.43	31.73	8.04	5.42
<b>Trinity Rendering Company,</b> <b>Fort Worth, Texas.</b>						
50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....
Analysis <i>c</i> .....	48.78	12.25	2.80	1.55	6.24	28.38
<b>Tulia Wheat Growers, Inc.,</b> <b>Tulia, Texas.</b>						
Milo Chop.....	10.00	2.50	3.00	70.00	.....	.....
Analysis.....	10.20	2.85	2.03	71.44	11.37	2.06
Milo Head Chop.....	8.50	2.50	8.00	65.00	.....	.....
Analysis.....	9.25	2.43	6.60	67.05	10.00	4.67
<b>Turney Feed Store,</b> <b>Lewisville, Texas.</b>						
Dairy Feed.....	19.00	3.50	11.00	48.00	.....	.....
Analysis.....	19.56	3.55	9.90	49.53	11.50	5.96
<b>Tyler Feed &amp; Seed Company,</b> <b>Tyler, Texas.</b>						
Smith County Special Dairy Feed.....	20.00	3.50	13.50	42.50	.....	.....
Analysis.....	19.79	3.58	8.58	47.24	11.25	9.56
Smith County Special Laying Mash.....	20.00	3.70	7.50	44.00	.....	.....
Analysis; <sup>674</sup> .....	18.86	3.35	6.00	55.44	9.27	7.08
Smith County Special 18% Protein Dairy Feed.....	18.00	3.50	12.50	37.00	.....	.....
Analysis; <sup>675</sup> .....	21.19	3.50	10.26	43.24	10.80	11.01
<b>Uncle Johnny Mills,</b> <b>Houston, Texas.</b>						
Uncle Johnny's Porkaday 15% Protein Pig Ration.....	15.00	3.50	6.00	54.00	.....	.....
Analysis.....	16.35	3.17	4.29	59.11	10.85	6.23
Satisfaction Brand Sweet Ration.....	10.00	2.00	23.00	48.00	.....	.....
Analysis <i>a</i> ; <sup>676</sup> .....	12.85	3.57	19.70	46.92	10.12	6.84
Satisfaction Brand Sweet Feed.....	10.00	2.00	22.00	40.00	.....	.....
Analysis; <sup>677</sup> .....	10.65	2.06	23.02	40.22	13.57	10.48

*a, b, c, d, e, f, g, h, i, j, k.*—See legend at the beginning of this table.<sup>673</sup>Cottonseed meal found, not claimed.<sup>674</sup>Deficient in ground limestone.<sup>675</sup>Rice hulls found, not claimed.<sup>676</sup>Rice bran, soybean oil meal and cottonseed meal found, not claimed.<sup>677</sup>Brewers' dried grains found, not claimed.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Uncle Johnny Mills, Houston, Texas—Continued.</b>						
Uncle Johnny's Workaday Horse and Mule Feed	10.70	3.50	9.50	59.00	.....	.....
Analysis <sup>678</sup>	11.80	4.03	7.30	59.86	13.80	3.21
Uncle Johnny's Egaday Brand Growing Mash	16.00	3.50	7.50	52.00	.....	.....
Analysis	18.25	3.55	5.45	53.83	9.97	8.95
Analysis <sup>679</sup>	17.05	3.41	4.49	60.39	10.16	4.50
Analysis <sup>680</sup>	17.10	4.23	5.74	55.01	11.75	6.17
Rolled Whole Oats	11.00	4.00	12.00	58.00	.....	.....
Analysis <sup>a</sup>	12.70	4.02	10.92	56.74	12.40	3.22
Uncle Johnny's Egaday Brand Laying Mash, Formula B	19.80	4.00	6.00	47.00	.....	.....
Analysis <sup>a</sup>	19.05	3.47	4.01	54.92	11.21	7.33
Import Brand 20% Protein Dairy Feed	20.00	4.00	10.00	48.00	.....	.....
Analysis <sup>681</sup>	21.07	4.83	8.96	47.11	9.21	8.82
Analysis	22.00	5.37	9.13	45.30	9.37	8.83
Analysis	21.16	4.58	8.51	45.38	11.88	8.49
Satisfaction Brand 18% Protein Dairy Ration <sup>682</sup>	18.00	3.50	15.00	45.00	.....	.....
Analysis <sup>683</sup>	14.70	3.40	13.58	49.29	12.68	6.35
Uncle Johnny's Egaday Brand Turkey Layer- Breeder Mash	22.00	4.00	6.00	42.00	.....	.....
Analysis <sup>684</sup>	20.16	4.97	4.74	48.29	10.66	11.18
Rice Hulls, Peanut Hulls, Molasses, Corn Chop, and Alfalfa Stem Meal	4.50	.70	34.00	40.00	.....	.....
Analysis <sup>685</sup>	6.47	1.53	23.74	42.67	11.85	13.74
Satisfaction Brand Laying Mash	18.00	3.50	7.00	51.00	.....	.....
Analysis <sup>686</sup>	16.72	5.07	5.58	53.09	10.86	8.68
Analysis	17.90	4.76	5.19	51.64	10.98	9.53
Analysis	17.45	4.46	5.02	52.98	12.84	7.25
Analysis	18.28	6.09	5.83	52.63	9.91	7.26
Uncle Johnny's Egaday Brand Turkey Starter Mash	24.00	4.00	7.00	42.00	.....	.....
Analysis <sup>687</sup>	24.18	4.82	5.92	45.60	9.58	9.90
Uncle Johnny's Milkaday Dry and Freshener Feed	12.70	3.00	13.00	50.40	.....	.....
Analysis <sup>7</sup>	14.94	4.07	10.32	51.30	11.38	7.99
Uncle Johnny's Egaday Brand Broiler Mash	18.00	3.80	6.50	50.50	.....	.....
Analysis	19.79	4.85	5.28	52.11	10.88	7.09
Uncle Johnny's Milkaday Victory Brand 18% Protein Dairy Feed	18.00	3.50	12.00	45.00	.....	.....
Analysis <sup>a</sup> <sup>688</sup>	20.89	3.60	6.18	53.72	10.59	5.02
Uncle Johnny's Milkaday Victory Brand 18% Protein Dairy Feed <sup>689</sup>	18.00	4.00	13.00	46.00	.....	.....
Analysis	20.89	3.07	9.02	44.95	12.81	9.26
Analysis <sup>690</sup> <sup>e</sup>	21.78	4.83	12.70	42.04	9.28	9.37
Uncle Johnny's Milkaday Victory Brand 18% Protein Dairy Ration	18.00	3.00	16.50	42.00	.....	.....
Analysis <sup>691</sup>	17.34	3.93	10.31	49.57	11.16	7.69

<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, <sup>d</sup>, <sup>e</sup>, <sup>f</sup>, <sup>g</sup>, <sup>h</sup>, <sup>i</sup>, <sup>j</sup>, <sup>k</sup>. —See legend at the beginning of this table.<sup>678</sup>Unground chunkets which contained ingredients different from those listed on the tag.

Deficient in ground oyster shell and salt.

<sup>679</sup>Deficient in salt. Excess of ground oyster shell.<sup>680</sup>Deficient in ground oyster shell. Excess of salt.<sup>681</sup>Deficient in ground limestone.<sup>682</sup>This guaranty includes 6% equivalent crude protein from non-protein nitrogen.<sup>683</sup>This includes .55% equivalent crude protein calculated from .19% of urea.<sup>684</sup>Milo found, not claimed.<sup>685</sup>Carbonate of lime found, not claimed.<sup>686</sup>Cottonseed meal found, not claimed. Soybean oil meal claimed, not found. Excess of ground oyster shell.<sup>687</sup>Linseed meal found, not claimed.<sup>688</sup>Dried citrus pulp and peel found, not claimed.<sup>689</sup>This guaranty includes 5.75% equivalent crude protein from non-protein nitrogen.<sup>690</sup>This includes .21% equivalent crude protein calculated from .07% of urea. Excess of salt.<sup>691</sup>Deficient in ground oyster shell.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943,  
to August 31, 1944—Continued  
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Uncle Johnny Mills, Houston, Texas—Continued.</b>						
Uncle Johnny's Porkaday Brand 40% Protein Supplement for Hogs.....	40.00	4.00	8.50	19.00	.....	.....
Analysis <sup>691</sup> .....	40.28	5.25	5.52	24.32	8.37	16.26
Uncle Johnny's Egaday Brand Turkey Devel- oper Mash.....	18.00	3.50	7.00	48.00	.....	.....
Analysis <sup>691</sup> .....	20.12	3.16	5.13	53.80	9.78	8.01
Analysis <sup>692</sup> .....	18.59	4.89	5.83	50.80	10.95	8.94
Uncle Johnny's Milkaday Brand Maintenance Feed.....	10.00	3.40	10.00	56.00	.....	.....
Analysis <sup>a</sup> .....	13.57	4.74	9.42	57.53	9.32	5.42
Uncle Johnny's Egaday Brand Laying Mash...	19.00	4.00	7.00	50.00	.....	.....
Analysis <sup>7</sup> .....	22.77	4.97	4.73	50.79	10.25	6.49
Analysis <sup>7</sup> .....	19.20	3.96	5.14	54.66	10.09	6.95
Analysis <sup>7</sup> .....	18.28	4.02	4.12	55.12	11.54	6.92
Analysis <sup>7</sup> .....	19.38	3.98	4.23	53.31	10.74	8.36
Analysis <sup>7</sup> .....	18.32	4.75	4.32	54.20	11.39	7.02
Analysis <sup>691</sup> .....	19.80	4.57	5.25	53.30	10.23	6.85
Analysis <sup>7</sup> .....	18.65	3.49	4.12	55.78	10.50	7.46
Analysis <sup>680</sup> .....	18.95	3.53	4.89	53.58	10.43	8.62
<b>Union Feed Company, San Antonio, Texas.</b>						
Little Boy Blue Laying Mash.....	20.00	4.00	6.80	46.60	.....	.....
Analysis.....	20.89	4.62	3.72	52.59	9.77	8.41
Analysis <sup>693</sup> .....	20.30	3.97	4.01	52.25	10.10	9.37
Analysis.....	21.63	4.18	5.48	48.99	9.80	9.92
Analysis.....	21.05	5.30	6.77	48.12	9.47	9.29
Analysis.....	21.67	5.25	5.88	48.21	10.31	8.68
Little Boy Blue Growing Mash.....	15.50	3.50	5.50	52.00	.....	.....
Analysis <sup>7</sup> .....	18.00	3.02	3.57	58.42	10.46	6.53
Little Boy Blue 18% Protein Dairy Feed.....	18.00	3.40	15.00	44.50	.....	.....
Analysis.....	18.60	3.33	14.55	43.83	11.67	8.02
Analysis <sup>694</sup> .....	18.56	3.60	19.23	41.54	9.35	7.72
Rancho Grande Laying Mash.....	20.00	3.50	7.80	48.50	.....	.....
Analysis <sup>695</sup> .....	16.65	6.25	6.04	49.59	10.87	10.60
Analysis <sup>695</sup> .....	20.90	5.40	7.80	47.34	9.72	8.84
Rancho Grande Growing Mash.....	16.00	3.00	7.80	51.50	.....	.....
Analysis <sup>696</sup> .....	18.69	5.73	7.54	49.99	10.06	7.99
Magnetic Brand Sweet Feed.....	9.00	1.80	33.00	38.00	.....	.....
Analysis.....	9.50	2.87	32.70	35.30	11.59	8.04
Little Bo-Peep Laying Mash.....	18.00	3.50	7.00	52.70	.....	.....
Analysis <sup>697</sup> .....	17.74	2.97	4.14	58.46	10.79	5.90
Analysis.....	19.46	5.88	7.97	48.80	9.65	8.24
Analysis.....	19.45	4.26	4.37	55.51	10.53	5.88
Little BoPeep 32% Protein Concentrate for Poultry.....	32.00	6.00	8.00	25.00	.....	.....
Analysis.....	26.45	7.01	2.68	38.72	8.97	16.17
Analysis <sup>698</sup> .....	27.00	7.56	3.01	38.09	8.22	16.12
Analysis <sup>699</sup> .....	26.57	7.72	2.41	38.49	8.12	16.69
Analysis <sup>700</sup> .....	29.10	8.62	3.15	32.74	8.89	17.50
Analysis <sup>701</sup> .....	33.64	9.01	2.96	25.25	8.84	20.30

a, b, c, d, e, f, g, h, i, j, k, —See legend at the beginning of this table.

680Deficient in ground oyster shell. Excess of salt.

691Deficient in ground oyster shell.

692Fish meal found, not claimed.

693Deficient in ground limestone.

694Cottonseed meal claimed, not found. Adulterated with peanut hulls.

695Rice bran found, not claimed.

696Dried citrus pulp claimed, not found.

697Tags of wrong denomination attached.

698Excess of ground limestone.

699Excess of ground limestone and salt.

700Deficient in ground limestone. Excess of salt.

701Milo found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in *italics* following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Union Feed Company,</b> <b>San Antonio, Texas—Continued.</b>						
Analysis.....	37.80	9.83	2.92	22.83	9.41	17.21
Analysis.....	29.25	7.20	1.95	34.18	9.56	17.86
Analysis.....	35.00	10.36	3.08	26.31	7.88	17.37
Analysis.....	32.60	7.25	7.33	31.34	7.70	13.78
Analysis.....	33.70	7.38	3.32	32.46	8.66	14.48
Little Boy Blue 30% Protein Supplement for Hogs.....	30.00	4.50	8.50	32.80	.....	.....
Analysis.....	25.56	4.89	4.15	47.00	9.03	9.37
Analysis <sup>702</sup> .....	25.46	8.31	7.42	37.89	8.44	12.48
Analysis.....	26.31	8.79	6.92	36.89	9.10	11.99
<b>Union Oil Mills,</b> <b>Hubbard, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....
Analysis.....	42.90	5.83	11.86	26.54	7.49	5.38
Analysis.....	42.84	5.71	11.61	26.55	7.98	5.31
Analysis.....	42.96	5.40	11.61	25.69	9.11	5.23
Analysis <sup>c</sup> .....	42.02	5.65	11.40	26.71	8.90	5.32
Analysis.....	43.00	6.22	10.38	26.85	8.48	5.07
41% Protein Soybean Oil Meal.....	41.00	6.00	6.00	28.00	.....	.....
Analysis.....	44.12	5.52	5.64	26.21	12.00	6.51
Analysis.....	43.65	5.14	5.72	27.82	12.27	5.40
<b>Union Oil Mill, Inc., The,</b> <b>West Monroe, Louisiana.</b>						
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....
Analysis <sup>c</sup> .....	40.26	5.60	13.33	26.64	8.00	6.17
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....
Analysis.....	41.81	5.43	11.94	28.38	6.88	5.56
<b>United Mills Company, Inc.,</b> <b>Kansas City, Kansas.</b>						
U. M. C. Wheat Gray Shorts and Screenings...	16.00	3.50	6.00	55.00	.....	.....
Analysis <sup>703</sup> .....	15.20	4.10	7.21	57.82	11.33	4.34
<b>Universal Mills,</b> <b>Fort Worth, Texas.</b>						
Red Chain Hog Feed.....	15.00	3.50	5.50	56.70	.....	.....
Analysis <sup>704</sup> .....	15.50	3.72	4.68	60.36	10.52	5.22
Universal Brand Laying Mash Nuggets.....	19.00	3.50	7.50	47.00	.....	.....
Analysis.....	19.25	3.94	5.28	54.13	10.66	6.74
Red Chain Pig Starter.....	18.00	3.00	8.50	49.80	.....	.....
Analysis <sup>704</sup> .....	19.16	5.29	5.79	53.73	10.17	5.86
Red Chain Egg Mash.....	20.00	3.50	7.50	48.00	.....	.....
Analysis.....	20.62	3.47	5.14	55.01	9.93	5.83
Analysis.....	20.59	4.05	5.51	54.32	9.28	6.25
Analysis.....	19.47	3.79	5.89	56.17	8.37	6.31
Analysis <sup>704</sup> .....	20.61	3.52	5.85	52.37	11.48	6.17
Special 16% Protein Dairy Feed.....	16.00	3.50	11.00	47.50	.....	.....
Analysis.....	18.09	3.80	9.58	52.40	9.01	7.12
Analysis.....	16.50	3.23	9.79	53.74	9.86	6.88
Analysis.....	16.00	3.02	7.20	53.26	14.05	6.47
Red Chain Turkey All-Mash Laying Ration Nuggets.....	18.00	3.50	8.00	45.00	.....	.....
Analysis.....	18.42	4.69	5.84	51.57	10.92	8.56
Red Chain Chick Starter.....	18.00	4.00	6.00	52.00	.....	.....
Analysis.....	18.82	4.08	5.55	53.81	10.95	6.79
Red Chain Calf Meal.....	22.00	3.00	4.50	50.50	.....	.....
Analysis.....	19.64	3.29	4.41	57.17	11.02	4.47
Red Chain Egg Mash Nuggets.....	20.00	3.50	7.50	48.00	.....	.....
Analysis.....	21.20	4.35	4.96	53.69	8.85	6.95

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>702</sup>Rice bran found, not claimed.<sup>703</sup>Wheat brown shorts and screenings.<sup>704</sup>Deficient in ground oyster shell.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Universal Mills, Fort Worth, Texas—Continued.</b>						
Universal Brand Laying Mash.....	19.00	3.50	7.50	47.00		
Analysis.....	18.75	3.92	5.60	54.64	10.46	6.63
Analysis <sup>704</sup> .....	19.70	3.19	5.88	53.90	10.80	6.53
Analysis.....	19.70	3.71	5.06	53.52	11.01	7.00
Analysis <sup>704</sup> .....	20.34	4.05	5.88	50.71	12.09	6.93
Analysis.....	19.49	3.63	5.80	52.43	11.35	7.30
Analysis <sup>704</sup> .....	19.61	3.70	5.15	52.54	11.65	7.35
Analysis.....	19.20	4.08	5.52	53.15	10.45	7.60
Red Chain Moful Stock Feed.....	11.00	3.50	15.00	49.00		
Analysis.....	12.45	2.70	10.47	54.15	11.63	8.60
Red Chain Broiler Mash.....	19.00	3.50	7.00	48.50		
Analysis.....	18.11	4.64	5.36	56.25	9.57	6.07
Analysis <sup>704</sup> .....	18.70	3.69	5.46	55.25	11.40	5.50
Analysis.....	20.05	3.49	4.97	54.13	11.26	6.10
Analysis.....	19.00	4.34	5.68	54.22	11.03	5.73
Red Chain All-Purpose Growing Mash.....	15.00	3.50	8.00	51.00		
Analysis.....	16.34	3.33	5.94	59.16	9.43	5.80
Analysis <sup>705</sup> .....	15.85	3.51	5.61	58.77	10.23	6.03
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00		
Analysis.....	16.92	3.64	4.98	59.81	11.37	3.28
Analysis.....	15.89	2.82	3.18	63.85	11.74	2.52
Analysis.....	16.25	3.38	4.00	62.45	11.02	2.90
Red Chain Wa-Mo Brand 32% Protein Supple- ment for Hogs.....	32.00	2.70	6.60	34.00		
Analysis.....	31.90	4.54	4.53	37.92	10.11	11.00
Analysis.....	32.26	4.28	4.41	37.62	9.36	12.07
Red Chain Alcomo Horse and Mule Feed.....	10.00	3.40	8.00	60.00		
Analysis <sup>704</sup> .....	9.66	4.70	7.17	62.40	13.12	2.95
Analysis.....	9.71	4.64	7.00	62.22	13.38	3.05
Analysis <sup>706</sup> .....	10.43	3.51	8.84	62.72	11.46	3.04
Red Chain All-Mash Chick Starter.....	18.00	3.60	6.50	49.00		
Analysis.....	19.00	4.14	6.15	53.08	11.03	6.60
Blue Chain Lay Mash.....	18.00	3.50	8.00	46.00		
Analysis.....	19.00	2.78	5.41	57.11	9.81	5.89
Analysis.....	20.25	3.24	5.90	53.67	10.63	6.31
Analysis <sup>707</sup> .....	17.46	3.71	4.96	57.21	10.64	6.02
Analysis <sup>707</sup> .....	17.85	3.41	5.61	55.36	11.15	6.62
Analysis <sup>708</sup> .....	18.96	3.43	6.09	52.62	11.60	7.30
Analysis <sup>707</sup> .....	19.54	3.53	5.18	54.48	10.32	6.95
Analysis.....	19.69	4.27	5.58	51.81	10.30	8.35
Analysis.....	19.50	3.62	5.65	52.87	10.42	7.94
Analysis.....	19.20	3.40	6.64	54.67	8.85	7.24
Analysis.....	19.15	3.66	7.70	53.01	9.71	6.77
Red Chain Growing Mash.....	16.00	3.50	7.50	49.00		
Analysis <sup>709</sup> .....	17.02	3.81	6.15	55.91	10.10	7.01
Red Chain Fine-Finish Brand Fattner.....	13.00	4.00	5.30	61.00		
Analysis.....	15.79	3.01	6.37	60.11	10.47	4.25
Red Chain Turkey Gromash.....	21.00	3.50	7.50	44.00		
Analysis.....	22.09	3.55	6.20	50.11	10.20	7.85
Red Chain Turkey Gro-Fat Nuggets.....	22.00	3.50	7.00	42.30		
Analysis <sup>707</sup> .....	22.24	3.73	6.08	52.84	8.95	6.16
Blue Chain 18% Protein Dairy Feed.....	18.00	3.50	10.00	47.00		
Analysis <sup>707</sup> .....	18.23	2.86	9.25	49.73	11.51	8.42
Analysis.....	19.00	3.07	8.65	48.42	13.42	7.44
Analysis.....	19.10	3.42	8.38	49.31	11.29	8.50
Analysis <sup>710</sup> .....	18.43	3.26	9.59	49.16	11.22	8.34

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>704</sup>Deficient in ground oyster shell.<sup>705</sup>Excess of ground oyster shell and salt.<sup>706</sup>Deficient in ground oyster shell and salt.<sup>707</sup>Deficient in ground oyster shell.<sup>708</sup>Deficient in ground oyster shell. Excess of salt.<sup>709</sup>Peanut meal found, not claimed.<sup>710</sup>Excess of salt.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Universal Mills,</b>						
Fort Worth, Texas—Continued.						
Red Chain Turkey Gro-Fat Mash.....	22.00	3.50	7.00	42.30	.....	.....
Analysis.....	22.42	2.73	6.21	52.94	9.64	6.06
Analysis <sup>711</sup> .....	20.49	3.80	5.98	52.69	11.14	5.90
Red Chain 18% Protein Dairy Feed.....	18.00	3.70	11.30	45.00	.....	.....
Analysis.....	19.65	3.81	9.64	49.38	9.48	8.04
Analysis.....	19.10	3.74	10.14	51.35	7.48	8.19
Analysis.....	17.50	3.29	9.00	53.70	9.24	7.27
Analysis <sup>712</sup> .....	18.80	3.24	8.77	51.11	10.08	8.00
Analysis.....	19.54	3.01	9.77	47.75	10.88	9.05
Analysis.....	19.17	3.32	8.52	47.61	12.46	8.92
Analysis.....	21.06	4.10	8.70	45.27	12.83	8.04
Analysis.....	18.05	2.33	9.33	49.12	13.69	7.48
Analysis <sup>710</sup> .....	19.30	2.93	11.29	45.25	11.90	9.33
Analysis.....	20.99	3.33	10.28	47.91	8.74	8.75
<b>Valcar Enterprises, Limited, Dallas By- Products Division, Dallas, Texas.</b>						
Golden Brand Special 50% Protein Meat and Bone Scraps.....	50.00	3.00	3.00	0.00	.....	.....
Analysis.....	51.40	2.67	2.77	3.77	5.34	34.05
Analysis.....	52.05	5.08	2.94	2.39	4.87	32.67
Analysis.....	52.51	4.12	2.90	3.92	7.29	29.26
Analysis.....	50.25	3.12	2.79	1.52	6.16	36.16
Analysis.....	53.93	3.87	2.99	4.19	6.03	28.99
Analysis.....	52.94	3.98	1.66	3.53	5.70	32.19
Analysis <sup>713</sup> .....	53.34	4.41	2.68	4.06	5.04	30.47
Golden Brand 55% Protein Improved Meat and Bone Scraps.....	55.00	3.00	3.00	0.00	.....	.....
Analysis.....	55.59	4.62	2.35	2.72	5.66	29.06
Analysis.....	54.53	5.29	2.79	1.89	6.31	29.19
Analysis.....	55.51	3.81	2.95	2.74	7.83	27.16
Analysis <sup>e</sup> .....	54.38	4.34	2.17	2.49	6.59	30.03
Analysis.....	57.15	3.93	2.56	3.63	5.72	27.01
Analysis.....	53.27	5.18	2.47	3.15	5.62	30.31
Analysis.....	55.52	3.70	2.67	2.38	5.80	29.93
<b>Van Alstyne Cotton Oil Company, Van Alstyne, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....
Analysis.....	44.75	6.90	8.98	26.11	7.36	5.90
Analysis <sup>e</sup> .....	42.38	6.79	11.29	26.77	7.31	5.46
Analysis.....	42.63	6.48	10.44	27.17	7.71	5.57
Analysis.....	41.80	6.44	11.01	26.64	8.63	5.48
Analysis.....	42.06	6.39	10.30	25.87	9.85	5.53
Analysis.....	44.84	6.73	9.20	25.98	7.52	5.73
<b>Vandover's Feed Mill &amp; Store, Pampa, Texas.</b>						
Royal Brand All-Mash Starter and Grower.....	16.50	3.50	7.00	51.00	.....	.....
Analysis.....	19.00	4.43	5.56	54.70	9.02	7.29
Royal Brand Egg Mash.....	18.00	3.50	7.50	48.00	.....	.....
Analysis <sup>714</sup> .....	19.33	4.24	6.05	51.86	11.12	7.40
Royal Brand 18% Protein Dairy Feed.....	18.00	3.00	8.00	47.20	.....	.....
Analysis.....	16.94	3.08	6.73	56.19	9.08	7.98
Royal Brand 16% Protein Dairy Feed.....	16.00	3.00	7.00	51.00	.....	.....
Analysis <sup>715</sup> .....	14.15	2.76	6.90	56.97	11.51	7.71
Analysis <sup>715</sup> .....	14.92	3.04	6.59	58.09	9.71	7.65

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

710Excess of salt.

711Deficient in ground oyster shell and salt.

712Milo or kafir found, not claimed.

713Carbonate of lime added.

714Deficient in ground oyster shell.

715Cottonseed meal claimed, not found.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Vernon Cotton Oil Company,</b> <b>Vernon, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	43.30	6.02	9.48	23.28	7.51	5.41
41% Protein Soybean Oil Pellets.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	44.11	5.94	5.58	29.49	9.47	5.41
Analysis.....	44.99	6.02	5.90	29.60	7.83	5.66
<b>Waco Cotton Oil Mill,</b> <b>Waco, Texas.</b>						
Panther Brand Mixed Feed.....	11.70	1.70	36.50	35.00	.....	.....
Analysis <sup>716</sup> .....	12.67	2.09	38.16	35.65	6.00	5.43
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	43.47	6.52	11.79	25.03	7.78	5.41
Analysis.....	44.04	6.16	9.95	26.66	7.85	5.34
Analysis.....	42.80	6.54	10.77	25.93	8.39	5.57
Analysis <sup>c</sup> .....	41.78	8.09	10.26	26.63	7.71	5.53
Analysis <sup>c</sup> .....	42.32	6.71	11.85	26.23	7.74	5.15
Analysis <sup>c717</sup> .....	39.80	7.84	12.78	26.84	7.53	5.21
Analysis.....	44.94	6.96	9.60	25.80	7.19	5.51
Cotton Bloom Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>c</sup> .....	42.06	5.07	12.16	27.26	8.08	5.37
Analysis <sup>c</sup> .....	40.77	5.32	12.77	27.48	8.62	5.04
Analysis.....	44.49	6.32	10.63	25.14	7.77	5.65
Analysis.....	44.61	5.96	9.83	25.67	8.44	5.49
Cotton Bloom Brand 44% Protein Supplement for Hogs.....	44.00	6.50	10.00	16.50	.....	.....
Analysis.....	41.44	6.59	7.80	24.86	8.88	10.43
Panther Brand Laying Mash.....	18.00	4.00	6.50	56.00	.....	.....
Analysis.....	17.03	3.48	4.19	57.46	10.59	7.25
<b>Waldo Alfalfa Milling Company, Inc.,</b> <b>Bryan, Texas.</b>						
Waldo Dehydrated Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	.....	.....
Analysis.....	19.78	3.29	18.25	41.69	7.05	9.94
<b>Waller Hatchery and Feed Store,</b> <b>Waller, Texas.</b>						
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....
Analysis.....	6.72	3.06	10.87	64.45	13.67	1.23
<b>Warnken &amp; Sons, A. D.,</b> <b>Poth, Texas.</b>						
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	45.32	6.97	14.88	20.90	6.89	5.04
<b>Warrick &amp; Company, J. E.,</b> <b>Wellington, Texas.</b>						
Wel-TEX Brand Chick Starter.....	17.50	3.50	5.60	53.50	.....	.....
Analysis.....	18.98	4.55	5.30	53.16	10.30	7.71
Wel-TEX Brand Egg Mash.....	18.00	3.50	5.30	52.00	.....	.....
Analysis.....	19.50	3.53	5.47	53.92	10.00	7.58
<b>Watson, R.,</b> <b>Mart, Texas.</b>						
Chowmix All-Mash Laying Ration D.....	15.00	3.50	5.00	50.00	.....	.....
Analysis.....	16.15	3.40	3.08	62.23	10.55	4.59

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>716</sup>Deficient in ground limestone.<sup>717</sup>Excess cottonseed hulls.

**Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued**

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Weatherford Milling Company, Inc., El Reno, Oklahoma.</b>						
Best-On-Earth Brand Poultry Fattener.....	15.00	5.00	7.00	53.00	.....	.....
Analysis.....	15.00	5.13	6.44	61.16	8.58	3.69
Analysis.....	14.01	3.82	4.67	62.87	10.84	3.79
Best-On-Earth Brand Growing Mash.....	18.00	3.60	7.00	47.00	.....	.....
Analysis <sup>718</sup> .....	18.80	4.26	6.05	54.18	10.78	5.93
<b>Weimar Oil Mill, Inc., Weimar, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	42.65	6.63	9.75	27.67	7.37	5.93
Analysis <sup>c</sup> .....	42.07	6.84	9.67	27.47	8.03	5.92
<b>Welch Grain Company, Dalnart, Texas.</b>						
Welch's 18% Protein Laying Mash.....	18.00	3.50	6.70	51.00	.....	.....
Analysis <sup>4719</sup> .....	18.30	3.93	3.78	56.43	10.68	6.88
Welch's 17% Protein Steer Feed.....	17.00	3.00	7.50	53.00	.....	.....
Analysis.....	17.39	2.82	4.96	59.07	9.56	6.20
Welch's 20% Protein Cattle Feed Cubes.....	20.00	3.50	5.00	52.50	.....	.....
Analysis <sup>718</sup> .....	19.19	3.51	3.17	56.66	12.17	5.30
<b>Wendland Grain Company, Temple, Texas.</b>						
Make-Mo Brand Special Mix Dairy Feed.....	18.50	3.20	12.00	49.00	.....	.....
Analysis <sup>6720</sup> .....	14.60	3.38	12.28	51.45	10.49	7.80
Make-Mo Brand Special Mix Dairy Feed.....	18.50	3.20	13.30	40.00	.....	.....
Analysis <sup>7</sup> .....	16.24	3.09	14.23	46.96	10.34	9.14
Analysis.....	19.10	3.60	13.38	41.40	12.93	9.59
Analysis.....	19.49	3.36	14.87	41.72	10.68	9.88
Analysis.....	16.65	3.38	16.68	41.58	11.30	10.41
Analysis <sup>721</sup> .....	18.26	3.68	13.00	43.77	11.57	9.72
Analysis.....	20.51	4.40	12.56	44.30	8.28	9.95
E-Ko Egg Laying Mash.....	20.00	3.50	8.00	45.00	.....	.....
Analysis.....	19.96	4.79	6.89	49.71	9.81	8.84
Analysis.....	19.45	4.59	6.18	49.97	11.47	8.34
Analysis <sup>722</sup> .....	20.90	4.87	6.38	47.89	10.07	9.89
E-Ko All-Mash Baby Chick Starter.....	16.00	3.80	5.50	50.00	.....	.....
Analysis <sup>a</sup> .....	17.51	4.25	4.40	56.30	10.40	7.14
E-Ko 32% Protein Supplement for Pigs and Hogs.....	32.00	4.00	6.50	31.00	.....	.....
Analysis <sup>723</sup> .....	31.64	8.31	5.74	25.87	6.49	21.95
Analysis.....	37.04	12.81	6.38	15.76	7.66	20.35
Happy 10% Protein Sweet Feed.....	10.00	2.00	19.00	44.00	.....	.....
Analysis <sup>724</sup> .....	8.90	2.11	20.26	39.83	12.25	16.65
<b>West Cotton Oil Mill, West, Texas.</b>						
Cotton Bloom Brand Growing Mash.....	18.50	4.00	5.50	53.00	.....	.....
Analysis <sup>722</sup> .....	17.89	4.13	3.73	57.38	10.58	6.29
Cotton Bloom Brand 32% Protein Laying Mash Concentrate.....	32.00	5.00	7.00	28.50	.....	.....
Analysis.....	33.25	6.66	8.58	30.40	8.34	12.77
Cotton Bloom Brand Laying Mash.....	19.00	4.00	7.00	48.00	.....	.....
Analysis.....	18.97	3.67	3.55	55.62	10.98	7.21

*a, b, c, d, e, f, g, h, i, j, k.*—See legend at the beginning of this table.<sup>718</sup>Deficient in ground limestone.<sup>719</sup>Incorrectly printed tag attached.<sup>720</sup>Rice hulls found, not claimed.<sup>721</sup>Processed garbage found, not claimed.<sup>722</sup>Excess of salt.<sup>723</sup>Excess of ground oyster shell and salt.<sup>724</sup>Contains sand. Excess of ground oyster shell.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>West Cotton Oil Mill,</b> <b>West, Texas—Continued.</b>						
Panther Brand Laying Mash.....	18.00	4.00	6.50	56.00	.....	.....
Analysis.....	17.33	4.03	5.36	57.58	9.73	5.97
Analysis.....	17.90	3.81	5.00	56.72	10.96	5.61
Analysis <sup>725</sup> .....	17.17	3.58	5.65	56.13	10.93	6.54
Analysis <sup>726</sup> .....	17.40	3.62	4.86	56.64	11.13	6.35
Analysis.....	17.17	3.53	4.44	56.96	10.53	7.37
Cotton Bloom Brand 44% Protein Supplement for Hogs.....	44.00	6.50	10.00	16.50	.....	.....
Analysis.....	43.41	6.23	8.50	18.87	8.44	14.55
Cotton Bloom Brand 16% Protein Dairy Feed. Analysis <sup>7</sup> .....	16.00	3.00	12.50	47.00	.....	.....
	15.24	3.19	13.19	51.79	8.96	7.63
<b>West Flour Mill,</b> <b>West, Texas.</b>						
Economy Brand Laying Mash.....	18.00	3.50	6.50	47.50	.....	.....
Analysis <sup>727</sup> .....	18.20	3.24	3.49	57.07	10.91	7.09
Economy Brand Dairy Feed.....	21.00	3.40	10.00	43.00	.....	.....
Analysis <sup>728</sup> .....	19.20	3.89	10.73	50.30	9.01	6.87
Analysis <sup>723</sup> .....	18.19	3.96	9.87	52.96	9.24	5.78
Analysis.....	20.79	4.19	10.00	47.53	9.91	7.58
Analysis.....	21.45	3.57	9.05	48.26	10.69	6.98
<b>Wes-Tex Grain &amp; Milling Company, Inc.,</b> <b>Plainview, Texas.</b>						
Wes-Tex Best Brand Chick Starter.....	18.00	4.00	6.50	50.00	.....	.....
Analysis.....	17.93	3.80	5.01	55.62	10.89	6.75
Excellent Brand Dairy Cow Feed.....	15.00	3.00	9.00	54.00	.....	.....
Analysis.....	14.44	2.75	7.10	58.94	10.61	6.16
Wes-Tex Best Brand Growing Mash.....	18.00	3.50	6.50	51.00	.....	.....
Analysis <sup>722</sup> .....	18.23	3.14	5.58	56.30	9.82	6.93
Analysis.....	17.85	3.43	4.63	57.17	10.13	6.79
Analysis <sup>729</sup> .....	17.72	3.59	4.05	57.89	10.19	6.56
Wes-Tex Best Brand Calf Meal.....	23.00	4.00	7.00	45.00	.....	.....
Analysis.....	23.00	4.03	5.95	49.40	11.49	6.13
Wes-Tex Best Brand Egg Mash.....	20.00	3.50	7.50	49.00	.....	.....
Analysis.....	18.20	3.12	5.42	56.72	9.32	7.22
Analysis.....	18.20	3.35	4.94	55.52	10.58	7.41
Analysis.....	20.00	3.84	5.66	52.30	9.45	8.75
Wes-Tex Best Brand 13% Protein Cow Feed.....	13.00	2.50	8.00	57.00	.....	.....
Analysis.....	13.60	2.72	5.56	60.34	12.10	5.68
Analysis <sup>a</sup> .....	13.97	2.78	5.20	60.76	10.50	6.79
Wes-Tex Best Brand 33% Protein Egg Mash Supplement.....	33.00	4.50	7.00	26.00	.....	.....
Analysis.....	34.84	5.48	5.03	31.31	6.79	16.55
Wes-Tex Best Brand Turkey Starter.....	24.00	3.50	8.00	42.00	.....	.....
Analysis.....	22.56	4.35	7.05	47.87	8.18	9.99
Wes-Tex Best Brand All-Purpose 18% Protein Egg Mash.....	18.00	3.50	8.00	46.00	.....	.....
Analysis.....	17.55	3.19	5.92	58.16	9.54	5.64
Analysis.....	16.86	3.00	4.80	59.87	9.67	5.80
Analysis <sup>730</sup> .....	18.10	4.15	5.73	55.20	10.30	6.52
New Deal Brand Special Mixed Feed.....	12.00	1.60	15.50	49.00	.....	.....
Analysis.....	10.50	2.06	9.88	57.50	10.97	9.09
Analysis <sup>731</sup> .....	12.60	2.41	13.53	51.71	9.55	10.20

a, b, c, d, e, f, g, h, i, j, k, —See legend at the beginning of this table.

722Excess of salt.

723Excess of ground oyster shell and salt.

725Deficient in ground oyster shell. Excess of salt.

726Deficient in ground oyster shell.

727Cottonseed meal found, not claimed.

728Rice hulls claimed, not found. Soybean oil meal and a trace of alfalfa leaf meal found, not claimed.

729Deficient in ground limestone.

730Deficient in ground limestone.

731Deficient in ground limestone. Excess of salt.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>West Texas Cottonoil Co.,</b> <b>Abilene, Texas.</b>						
Paymaster Brand 43% Protein Cottonseed Meal	43.00	5.00	12.00	25.00		
Analysis <sup>c</sup> .....	41.77	7.02	11.65	27.22	7.04	5.30
Analysis <sup>c</sup> .....	43.66	5.14	11.26	28.08	6.83	5.03
Analysis <sup>c</sup> .....	41.68	7.26	12.09	27.58	6.36	5.03
Analysis <sup>c</sup> .....	43.94	5.68	11.91	26.59	6.73	5.15
Analysis <sup>c</sup> .....	43.36	5.76	12.08	27.41	6.03	5.36
Paymaster Brand 43% Protein Cottonseed Pellets.....	43.00	5.00	12.00	25.00		
Analysis <sup>c</sup> .....	41.16	7.14	12.06	26.18	8.62	4.84
Analysis <sup>c</sup> .....	40.40	7.08	12.71	26.51	8.40	4.90
Paymaster Brand 41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00		
Analysis <sup>c</sup> .....	38.20	5.23	14.81	29.52	7.12	5.12
Analysis <sup>c</sup> .....	40.21	5.45	14.03	27.89	6.99	5.43
Paymaster Brand 41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00		
Analysis.....	42.62	5.94	5.63	31.13	9.14	5.54
Analysis.....	44.76	5.20	5.88	30.95	7.17	6.04
<b>West Texas Cottonoil Co.,</b> <b>Ballinger, Texas.</b>						
Paymaster Brand 41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00		
Analysis.....	41.05	7.18	5.77	32.73	7.64	5.63
Analysis.....	41.64	6.34	5.86	31.00	9.74	5.42
Analysis.....	42.36	6.35	5.75	30.64	9.52	5.38
Paymaster Brand 41% Protein Soybean Oil Pellets.....	41.00	4.50	7.00	29.00		
Analysis.....	42.67	5.88	5.97	31.41	8.58	5.49
Analysis.....	41.99	4.63	6.45	31.08	10.50	5.35
<b>West Texas Cottonoil Co.,</b> <b>Brownfield, Texas.</b>						
Paymaster Brand 43% Protein Cottonseed Meal	43.00	5.00	12.00	25.00		
Analysis <sup>c732</sup> .....	42.20	4.30	12.59	31.53	4.22	5.16
Paymaster Brand 43% Protein Cottonseed Pellets.....	43.00	5.00	12.00	25.00		
Analysis <sup>c</sup> .....	41.95	4.69	11.97	29.34	7.11	4.94
<b>West Texas Cottonoil Co.,</b> <b>Littlefield, Texas.</b>						
Paymaster Brand 43% Protein Cottonseed Meal	43.00	5.00	12.00	25.00		
Analysis <sup>c</sup> .....	39.32	7.72	12.35	28.99	6.95	4.67
Analysis <sup>c</sup> .....	42.33	6.72	11.36	28.07	6.55	4.97
Analysis.....	44.05	7.91	9.30	26.88	6.71	5.15
Analysis.....	43.70	6.58	9.92	27.84	6.63	5.33
Analysis.....	43.10	6.13	11.35	27.19	6.32	5.91
<b>West Texas Cottonoil Co.,</b> <b>Munday, Texas.</b>						
Paymaster Brand 43% Protein Cottonseed Cake	43.00	5.00	12.00	25.00		
Analysis <sup>c</sup> .....	42.39	5.50	11.83	27.98	6.99	5.31
43% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00		
Analysis.....	43.21	5.77	6.06	30.89	8.53	5.54
<b>West Texas Cottonoil Co.,</b> <b>Plainview, Texas.</b>						
Paymaster Brand 43% Protein Cottonseed Meal	43.00	5.00	12.00	25.00		
Analysis.....	42.97	8.19	9.38	28.20	6.08	5.18
Analysis.....	42.95	6.99	10.65	27.78	6.15	5.48
Analysis <sup>c</sup> .....	40.01	6.52	12.19	29.96	6.26	5.06
Analysis <sup>c</sup> .....	41.62	6.41	11.68	28.45	6.59	5.25

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

732Excess cottonseed hulls.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>West Texas Cottonoil Co., Plainview, Texas—Continued.</b>						
Paymaster Brand 43% Protein Cottonseed Cubes.....	43.00	5.00	12.00	25.00	.....	.....
Analysis <sup>e</sup> .....	38.95	6.59	12.08	31.04	6.47	4.87
Analysis <sup>e</sup> .....	40.06	6.41	10.55	29.54	8.04	5.40
<b>West Texas Cottonoil Co., San Angelo, Texas.</b>						
Paymaster Brand 41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00	.....	.....
Analysis <sup>e</sup> .....	39.00	5.96	14.48	29.06	6.70	4.80
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	43.99	6.70	5.79	30.22	7.51	5.79
Analysis.....	43.62	5.97	5.73	30.74	7.81	6.13
41% Protein Soybean Oil Pellets.....	41.00	4.50	7.00	29.00	.....	.....
Analysis.....	41.76	7.02	5.76	29.59	10.28	5.59
Analysis <sup>e</sup> .....	39.97	6.47	5.11	28.15	15.10	5.20
Analysis.....	43.26	5.52	5.26	30.13	10.21	5.62
Paymaster Brand Soybean Oil Meal and Molasses—Pelleted.....	40.00	3.20	6.60	31.50	.....	.....
Analysis.....	41.47	5.89	5.63	33.11	7.96	5.94
Analysis.....	40.77	5.28	5.65	33.99	8.04	6.27
<b>West Texas Cottonoil Co., Seymour, Texas.</b>						
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....
Analysis <sup>e</sup> .....	39.90	6.90	6.24	29.11	10.91	6.94
<b>West Texas Cottonoil Co., Shamrock, Texas.</b>						
Paymaster Brand 43% Protein Cottonseed Meal	43.00	5.00	12.00	25.00	.....	.....
Analysis <sup>e</sup> .....	40.37	5.83	11.96	29.59	7.21	5.04
Paymaster Brand 43% Protein Cottonseed Pellets.....	43.00	5.00	12.00	25.00	.....	.....
Analysis <sup>e</sup> .....	38.39	5.97	11.60	29.94	8.76	5.34
Analysis <sup>e</sup> .....	41.60	6.52	10.21	27.60	8.75	5.32
<b>West Texas Cottonoil Co., Slaton, Texas.</b>						
Paymaster Brand 43% Protein Cottonseed Meal	43.00	5.00	12.00	25.00	.....	.....
Analysis <sup>e</sup> .....	41.99	5.19	12.03	28.59	7.21	4.99
Analysis <sup>e</sup> .....	41.71	5.25	12.00	29.04	6.90	5.10
Analysis.....	44.68	5.71	10.83	26.96	6.56	5.26
Paymaster Brand 43% Protein Cottonseed Pellets.....	43.00	5.00	12.00	25.00	.....	.....
Analysis <sup>e</sup> .....	42.24	5.31	11.94	27.80	7.78	4.93
Analysis <sup>e733</sup> .....	40.70	5.33	12.69	28.22	8.00	5.06
Paymaster Brand 41% Protein Soybean Oil Cake.....	41.00	4.50	7.00	29.00	.....	.....
Analysis <sup>734</sup> .....	42.13	5.65	5.94	29.82	10.38	6.08
<b>West Texas Feed &amp; Seed Company, Lubbock, Texas.</b>						
Big Chief Brand 16% Protein Growing Mash..	16.00	3.50	6.00	53.00	.....	.....
Analysis.....	18.01	3.93	5.45	54.78	10.37	7.46
Big Chief Brand 18% Protein Egg Mash.....	18.00	3.50	7.50	51.00	.....	.....
Analysis <sup>k</sup> .....	17.36	3.66	5.30	56.36	11.02	6.30
<b>Western Condensing Company, San Francisco, California, and Branches.</b>						
Peebles Dried Whey.....	12.00	0.50	0.10	65.00	.....	.....
Analysis <sup>735</sup> .....	12.19	.65	.24	68.15	9.17	9.60

<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, <sup>d</sup>, <sup>e</sup>, <sup>f</sup>, <sup>g</sup>, <sup>h</sup>, <sup>i</sup>, <sup>j</sup>, <sup>k</sup>. —See legend at the beginning of this table.<sup>733</sup>Excess cottonseed hulls.<sup>734</sup>In pellet form.<sup>735</sup>Excess of salt.



Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Western Star Mill Company, The,</b> <b>Salina, Kansas.</b>						
Wheat Gray Shorts.....	16.00	4.00	6.00	55.00	12.42	4.54
Analysis.....	18.13	4.12	5.20	55.59	12.42	4.54
<b>Wheeler Cotton Oil Company, Inc.,</b> <b>Wheeler, Texas.</b>						
28% Protein Whole-Pressed Cottonseed Pellets.....	28.00	4.00	23.00	29.00	.....	.....
Analysis.....	27.44	5.16	24.50	31.99	6.47	4.44
Analysis.....	28.79	5.54	24.25	30.21	6.85	4.36
28% Protein Ground Whole-Pressed Cottonseed.....	28.00	4.00	23.00	29.00	.....	.....
Analysis.....	30.16	5.90	22.83	32.21	4.40	4.50
<b>Whyte Feed Mills,</b> <b>Pine Bluff, Arkansas.</b>						
Horseshoe Dairy Feed.....	19.40	3.00	8.30	49.00	.....	.....
Analysis.....	17.52	2.32	6.35	59.10	10.97	3.74
Analysis <sup>736</sup> .....	21.15	3.46	9.19	49.91	10.88	5.41
Big-Flow Brand Dairy Feed.....	20.00	3.00	15.00	37.00	.....	.....
Analysis <sup>737</sup> .....	17.65	2.76	15.03	47.43	9.94	7.19
Analysis.....	18.81	2.60	13.45	48.30	11.38	5.46
Analysis <sup>738</sup> .....	19.05	3.12	9.14	51.99	11.04	5.66
Analysis <sup>739</sup> .....	21.08	3.64	8.17	47.56	13.48	6.07
Analysis <sup>739</sup> .....	20.93	2.99	12.83	46.41	10.53	6.31
Analysis.....	18.47	3.38	11.48	48.98	11.93	5.76
Special Horseshoe Egg Mash.....	18.00	3.50	8.00	43.00	.....	.....
Analysis <sup>740</sup> .....	17.20	2.45	13.22	51.30	9.18	6.65
Analysis <sup>741</sup> .....	15.45	2.14	8.38	56.96	10.36	6.71
<b>Wichita Feed Store,</b> <b>Wichita Falls, Texas.</b>						
Wichita's Special Brand 24% Protein Cow Feed.....	24.00	3.60	15.00	41.00	.....	.....
Analysis <sup>742</sup> .....	23.63	3.86	9.18	47.27	9.09	6.97
Wichita's Best Brand Egg Mash.....	18.00	3.50	8.00	45.00	.....	.....
Analysis.....	16.08	3.99	6.27	56.80	9.20	7.66
Analysis.....	17.65	4.35	5.79	52.89	10.98	8.34
Wichita's Best Brand 19.50% Protein Dairy Feed.....	19.50	3.00	11.50	44.50	.....	.....
Analysis.....	20.00	3.63	9.28	48.39	10.33	8.37
<b>Wilbur-Ellis Company,</b> <b>San Francisco, California.</b>						
Del Mar 64% Protein Steam-Dried Sardine Meal.....	64.00	4.00	1.00	0.00	.....	.....
Analysis <sup>a</sup> .....	63.76	4.27	.26	6.62	9.12	15.97
California 69% Protein Sardine Meal.....	69.00	3.00	1.00	20.00	.....	.....
Analysis <sup>a</sup> .....	64.45	3.27	.35	6.55	6.49	18.89
<b>Williams Hatchery,</b> <b>Eldorado, Texas.</b>						
Williams All-Purpose Poultry Mash.....	18.00	3.50	5.00	55.00	.....	.....
Analysis.....	19.30	6.40	3.83	53.65	10.47	6.35
<b>Wilson &amp; Company, Inc.,</b> <b>Oklahoma City, Oklahoma.</b>						
Red "W" Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....
Analysis.....	51.77	10.83	1.41	.94	8.27	26.78
Analysis.....	51.67	10.44	2.03	.90	7.41	27.55

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

736Deficient in ground oyster shell and salt.

737Deficient in ground oyster shell.

738Adulterated with rice hulls. Oats, wheat, corn and barley found, not claimed. Deficient in ground oyster shell and salt.

739Adulterated with rice hulls. Deficient in ground oyster shell and salt.

740Adulterated with rice hulls.

741Adulterated with rice hulls. Deficient in ground oyster shell.

742Carbonate of lime found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943,  
to August 31, 1944—Continued  
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
<b>Wingo Oil Mill,</b> <b>Wills Point, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....
Analysis <sup>c</sup> .....	41.05	5.69	14.04	28.82	5.14	5.26
Analysis.....	42.73	6.44	12.62	27.31	5.22	5.68
<b>Woco Feed Mill,</b> <b>Mineola, Texas.</b>						
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....
Analysis <sup>743</sup> .....	7.50	2.60	15.41	62.27	9.34	2.88
Analysis <sup>743</sup> .....	6.44	2.61	17.60	61.47	9.60	2.28
Woco Big 5 Egg-Maker.....	19.50	3.60	6.00	48.00	.....	.....
Analysis.....	20.84	3.81	4.93	50.94	11.94	7.54
Horse and Mule Feed.....	11.70	3.00	11.20	56.50	.....	.....
Analysis.....	12.20	3.46	10.64	56.15	11.05	6.50
Woco 16% Protein Hog Feed.....	16.00	4.00	8.00	47.50	.....	.....
Analysis <sup>744</sup> .....	16.69	8.95	12.47	35.80	8.41	17.68
Big W Special 24% Protein Dairy Feed.....	24.00	4.00	15.00	35.00	.....	.....
Analysis <sup>745</sup> .....	23.92	4.60	14.58	38.62	9.40	8.88
Big W Special 18% Protein Dairy Feed.....	18.00	3.00	15.00	42.00	.....	.....
Analysis.....	19.18	3.73	16.07	44.16	9.84	7.02
Woco Economy Brand 16% Protein Dairy Ration.....	16.00	3.00	22.00	35.50	.....	.....
Analysis <sup>744</sup> .....	17.29	3.61	18.22	39.44	8.94	12.50
Big W Sweet Filler—Flax Plant By-Product, Rice Hulls, Molasses, Soybean Oil Meal, Limestone, and Salt.....	6.00	0.70	33.00	32.00	.....	.....
Analysis <sup>746</sup> .....	4.65	.71	26.55	45.04	9.90	13.15
<b>Wolf Feed and Coal., Frank,</b> <b>Wichita Falls, Texas.</b>						
Wolf's 20% Protein Cow Feed.....	20.00	3.60	12.00	49.40	.....	.....
Analysis <sup>747</sup> .....	18.25	4.16	10.72	51.53	8.75	6.59
<b>Womble Oil Mill Company,</b> <b>Caldwell, Texas.</b>						
43% Protein Pea-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	43.81	6.12	9.47	27.47	6.93	6.20
43% Protein Sheep-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	44.48	5.78	9.99	26.97	6.94	5.84
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis <sup>c</sup> .....	42.46	6.20	11.03	27.65	6.95	5.71
Analysis.....	42.56	5.23	11.33	28.00	7.24	5.64
Analysis.....	42.20	6.15	10.10	28.66	6.72	6.17
Analysis.....	43.46	6.59	9.40	27.90	6.49	6.16
Analysis <sup>748</sup> .....	40.06	6.15	12.73	28.71	6.72	5.63
Analysis <sup>c</sup> .....	41.35	6.16	10.93	28.53	7.30	5.73
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	28.00	.....	.....
Analysis.....	42.40	4.93	5.38	32.52	9.38	5.39
<b>Wood Feed Mill,</b> <b>Madisonville, Texas.</b>						
Our-Own Brand Hog Ration.....	14.00	3.00	4.00	61.00	.....	.....
Analysis <sup>744</sup> .....	16.44	5.62	3.13	55.71	10.93	8.17
<b>Woodruff's Hatchery &amp; Feed Store,</b> <b>San Angelo, Texas.</b>						
Lay-Gold Brand Laying Mash.....	19.00	3.50	5.00	47.50	.....	.....
Analysis <sup>749</sup> .....	17.10	3.69	5.68	58.57	8.59	6.37

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

<sup>743</sup>Excess of cob and husk.

<sup>744</sup>Cottonseed meal found, not claimed.

<sup>745</sup>Deficient in ground limestone.

<sup>746</sup>Incorrectly printed tags attached. Ground corn cob and husks found, not claimed.

<sup>747</sup>Linseed meal found, not claimed.

<sup>748</sup>Excess cottonseed hulls.

<sup>749</sup>Cottonseed meal claimed, not found. Peanut meal found, not claimed.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1943, to August 31, 1944—Continued

(The guaranties are printed in *italics* following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
<b>Yates Hatchery &amp; Feed Store,</b> <b>Morton, Texas.</b>						
Yates' Eg-Em-On Brand Laying Mash.....	19.00	3.50	7.50	49.00	.....	.....
Analysis <sup>750</sup> .....	17.40	4.25	6.03	56.51	9.90	5.91
<b>Yoakum Gin &amp; Feed Company,</b> <b>Yoakum, Texas.</b>						
Yoakumix Chick Starting Mash.....	18.00	3.70	6.50	49.00	.....	.....
Analysis.....	19.50	4.17	4.99	53.01	11.30	7.03
Yoakumix Lay Mash.....	20.00	3.80	6.50	46.30	.....	.....
Analysis.....	21.54	3.85	5.66	51.82	10.19	6.94
Analysis.....	41.58	4.53	4.75	29.93	10.80	8.41
<b>Yorktown Cotton Oil &amp; Manufacturing Company,</b> <b>Yorktown, Texas.</b>						
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....
Analysis.....	44.18	6.25	9.73	26.95	7.39	5.50
Analysis.....	43.64	6.95	10.29	26.23	7.68	5.21
Analysis.....	43.21	6.79	10.36	26.79	7.40	5.45
45% Protein Peanut Meal.....	45.00	6.00	10.00	23.00	.....	.....
Analysis.....	43.71	7.98	13.29	24.37	6.48	4.17
Analysis.....	44.02	7.39	17.20	19.50	7.45	4.44
Analysis.....	46.60	6.83	13.47	21.33	7.35	4.42
<b>Young, R. C.,</b> <b>Lubbock, Texas.</b>						
Sun-Ray Brand Chick Starter.....	17.00	3.50	7.00	52.00	.....	.....
Analysis.....	26.81	3.57	4.48	43.01	8.27	13.86
Sun-Ray Brand Dairy Feed.....	18.50	3.40	12.00	47.00	.....	.....
Analysis.....	20.16	3.83	7.35	51.46	9.40	7.80
Sun-Ray Brand Growing Mash.....	15.00	3.50	8.00	54.00	.....	.....
Analysis.....	17.52	3.91	6.08	57.05	10.43	5.01
Sun-Ray Brand Laying Mash.....	18.00	3.50	6.00	51.00	.....	.....
Analysis.....	18.60	4.19	5.51	53.13	9.65	8.92
Sun-Ray Brand 34% Protein Laying Mash Supplement.....	34.00	5.00	7.50	21.50	.....	.....
Analysis <sup>751</sup> .....	34.02	7.24	8.12	25.69	7.14	17.79
Sun-Ray Brand 30% Protein Supplement for Pigs and Hogs.....	30.00	5.00	6.50	32.00	.....	.....
Analysis <sup>751</sup> .....	30.45	5.97	6.58	34.91	8.60	13.49
X-L Brand Laying Mash.....	19.00	3.60	7.00	48.50	.....	.....
Analysis.....	20.06	4.29	6.00	51.20	10.26	8.19
Analysis <sup>752</sup> .....	22.02	4.98	5.14	53.51	9.21	5.14
<b>Youngblood &amp; Sons, J. H.,</b> <b>Waco, Texas.</b>						
Youngblood's Ideal Brand Laying Mash.....	18.00	3.80	6.50	46.50	.....	.....
Analysis.....	18.39	2.42	4.54	58.74	9.94	5.97
Youngblood's Ideal Brand Broiler Mash.....	18.00	3.50	5.50	51.00	.....	.....
Analysis.....	18.19	2.42	4.84	58.72	10.11	5.72
Analysis.....	18.00	2.06	5.96	57.33	10.45	6.20
<b>Yukon Mill &amp; Grain Company,</b> <b>Yukon, Oklahoma.</b>						
Wheat Gray Shorts.....	16.50	3.50	6.00	55.00	.....	.....
Analysis.....	16.35	3.68	6.01	59.37	10.70	3.89
Yukon's Dairy Feed.....	20.00	4.00	10.00	48.00	.....	.....
Analysis <sup>753</sup> .....	18.63	6.15	8.75	48.48	10.30	7.69
Wheat Bran and Screenings.....	14.50	3.50	10.00	50.00	.....	.....
Analysis.....	16.54	3.91	9.76	51.47	12.14	6.18
Yukon's Laying Mash.....	18.00	3.60	8.00	49.00	.....	.....
Analysis <sup>754</sup> .....	18.04	5.05	6.21	54.29	9.83	6.58

a, b, c, d, e, f, g, h, i, j, k, —See legend at the beginning of this table.

<sup>750</sup>Excess of salt.<sup>751</sup>Deficient in ground limestone.<sup>752</sup>Deficient in salt. Excess of ground limestone.<sup>753</sup>Incorrectly printed tags attached. Carbonate of lime found, not claimed. Excess of salt.<sup>754</sup>Incorrectly printed tags attached.